987/v.1/pt.2

1987 Census of Agriculture

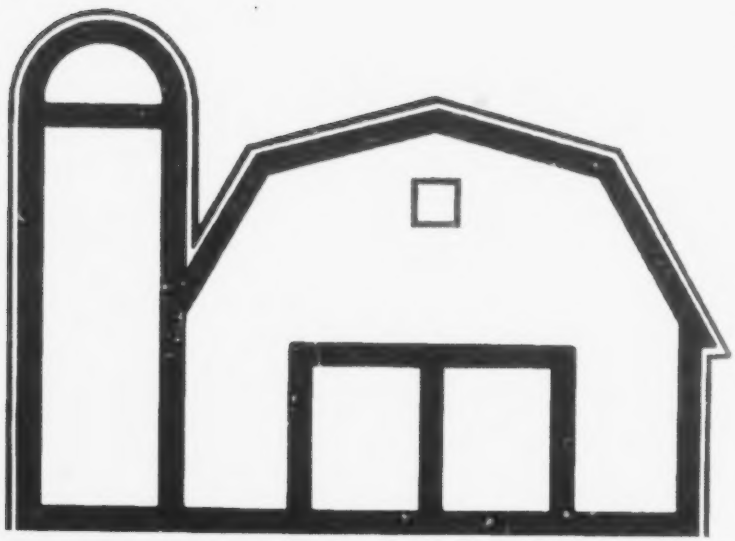
AC87-A-2

Volume 1
GEOGRAPHIC AREA SERIES

Part 2

Alaska

State and County Data



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ACKNOWLEDGMENTS

This report was prepared in the Agriculture Division. Many other divisions contributed to this preparation: Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; Economic Programming prepared the computer programs; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

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1987
Census of Agriculture

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Alaska
State and County Data

Issued August 1989

U.S. Department of Commerce
Robert A. Mosbacher, Secretary
Michael R. Darby, Under Secretary
for Economic Affairs

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Library of Congress Cataloging-in-Publication Data

Census of agriculture (1987). Geographic area series.
1987 census of agriculture. Geographic area series.

Includes indexes.
Supt. of Docs. no.: C 3.31/4:987/v.1
1. Agriculture—Economic aspects—United States—Statistics. 2. Agriculture—Economic aspects—United States—States—Statistics. 3. Agriculture—Economic aspects—United States—Territories and possessions—Statistics. I. United States. Bureau of the Census. II. Title.
HD1769.C46 1987 338.1'0973'021 88-600103

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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HISTORY

The 1987 Census of Agriculture is the 23d taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which $1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of the farm definition.

COMPARABILITY OF DATA

Data on acreages and inventories for 1987 and 1982 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

The 1978 U.S., region, and State data shown in the 1978 Census of Agriculture publications included data for farms on the mail list plus estimates from an area sample for farms not on the mail list. For comparability, the 1978 data in the 1987 publications include only farms on the mail list.

TABULAR PRESENTATION

State data—Tables 1 through 47 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 48 through 53 provide 1987 State data cross-tabulated by various farm classifications.

County data—Chapter 2 presents selected data items by county. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 17 through 36 include only

counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

ADVANCE REPORTS

Advance reports of 1987 census data have been published separately for each county with 10 farms or more, each State, and the United States. This series provided, at the earliest possible date, final data on major data items together with comparable final data from the 1982 census. Data items are standard across States except information on selected crops harvested, which vary by State according to their relative importance in the State.

ELECTRONIC DATA DISSEMINATION

The volume 1 data are available on computer tapes and compact disc. The advance report data are available on computer tapes, computer diskettes, and through electronic data services such as the AGRIDATA network, the CENDATA package on Dialog, CompuServe on-line services, and the Census Bureau's State Data Center Bulletin Board. Computer tapes, diskettes, and compact discs are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone (301) 763-4100).

SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

-	Represents zero.
(D)	Withheld to avoid disclosing data for individual farms.
(IC)	Independent city.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate (associated relative standard error) or a consistency review.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.

Highlights of the State's Agriculture: 1987 and 1982

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text.]

Item		All farms		
		1987	1982	Percent change from 1982 to 1987
Farms	number	574	570	7
Land in farms	acres	1 026 732	1 323 953	-22.4
Average size of farm	acres	1 789	2 323	-23.0
Value of land and buildings[1]:	dollars	553 000	463 849	19.2
Average per farm	dollars	309	200	54.5
Average per acre				
Farms by size:				
1 to 9 acres		96	91	5.5
10 to 49 acres		113	115	-1.7
50 to 179 acres		172	184	-6.5
180 to 499 acres		97	88	10.2
500 to 999 acres		24	23	4.3
1,000 to 1,999 acres		24	13	84.6
2,000 acres or more		48	56	-14.3
Harvested cropland	farms	397	395	5
	acres	28 949	25 694	12.7
Irrigated land	farms	74	46	60.9
	acres	1 826	667	173.8
Market value of agricultural products sold	$1,000	17 972	11 399	57.7
Average per farm	dollars	31 309	19 999	56.6
Crops, including nursery and greenhouse crops	$1,000	10 768	6 010	79.2
Grains	$1,000	828	679	22.0
Cotton and cottonseed	$1,000	-	-	-
Tobacco	$1,000	-	-	-
Hay, silage, and field seeds	$1,000	2 200	(D)	(D)
Vegetables, sweet corn, and melons	$1,000	780	649	20.1
Fruits, nuts, and berries	$1,000	12	16	-23.5
Nursery and greenhouse crops	$1,000	5 549	3 033	82.9
Other crops	$1,000	1 399	(D)	(D)
Livestock, poultry, and their products	$1,000	7 204	5 389	33.7
Poultry and poultry products	$1,000	(D)	(D)	(D)
Dairy products	$1,000	4 814	2 550	88.8
Cattle and calves	$1,000	1 168	651	79.4
Hogs and pigs	$1,000	118	812	-85.4
Sheep, lambs, and wool	$1,000	181	(D)	(D)
Other livestock and livestock products (see text)	$1,000	(D)	(D)	(D)
Farms by type of organization:				
Individual or family (sole proprietorship)		478	489	-2.2
Partnership		52	42	23.8
Corporation		29	29	-
Other—cooperative, estate or trust, institutional, etc.		15	10	50.0
Operators by principal occupation:				
Farming		248	231	7.4
Other		326	339	-3.8
Operators by days worked off farm:				
Any		369	397	-7.1
200 days or more		182	200	-9.0
Average age of operator	years	48.9	45.8	6.8
Total farm production expenses[1]	$1,000	15 774	(NA)	(NA)
Selected farm production expenses[1]:				
Livestock and poultry purchased	$1,000	386	507	-23.9
Feed for livestock and poultry	$1,000	2 978	2 293	29.9
Commercial fertilizer[2]	$1,000	1 413	1 118	26.4
Agricultural chemicals[2]	$1,000	166	45	266.1
Petroleum products	$1,000	1 140	1 113	2.5
Hired farm labor	$1,000	2 647	1 925	37.5
Interest expense[3]	$1,000	1 275	1 466	-13.0
Livestock and poultry inventory:				
Cattle and calves	farms	170	207	-17.9
	number	9 433	8 729	8.1
Milk cows	farms	50	64	-21.9
	number	1 713	963	77.9
Hogs and pigs	farms	45	88	-48.9
	number	573	3 741	-84.7
Chickens 3 months old or older	farms	82	110	-25.5
	number	2 385	(D)	(D)
Selected crops harvested:				
Barley for grain	farms	35	45	-22.2
	acres	5 666	6 950	-18.5
Oats for grain	farms	21	25	-16.0
	acres	749	792	-5.4
Irish potatoes	farms	54	54	-
	acres	743	511	45.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	290	307	-5.5
	acres	21 254	17 248	23.2
Vegetables harvested for sale (see text)	farms	46	41	12.2
	acres	347	246	41.1

[1]Data are based on a sample of farms.
[2]Data for 1987 include cost of custom applications.
[3]Data for 1982 do not include imputation for item nonresponse.

Figure 1. **State Map**

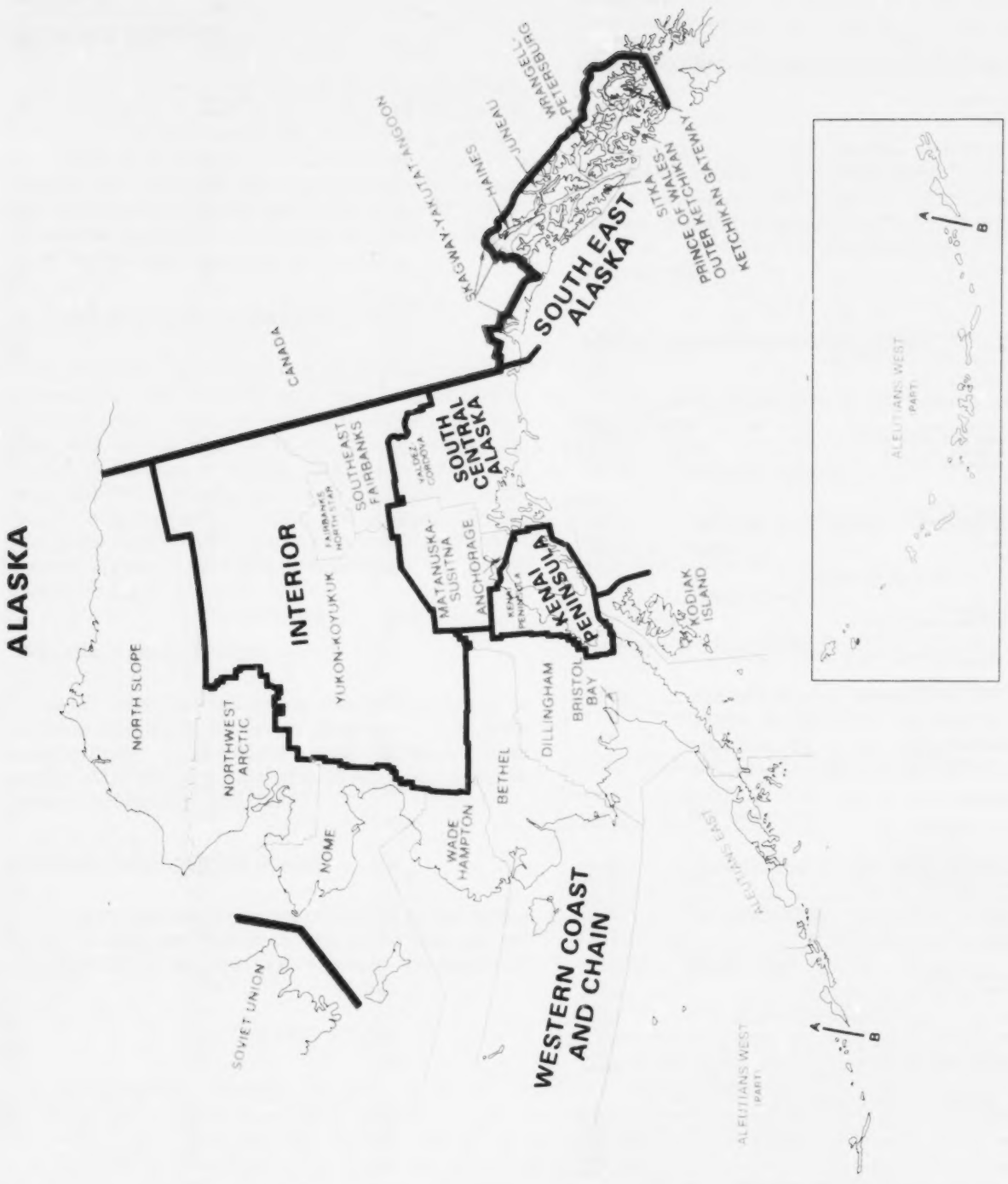

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Figure 2. **Profile of State's Agriculture: 1987**

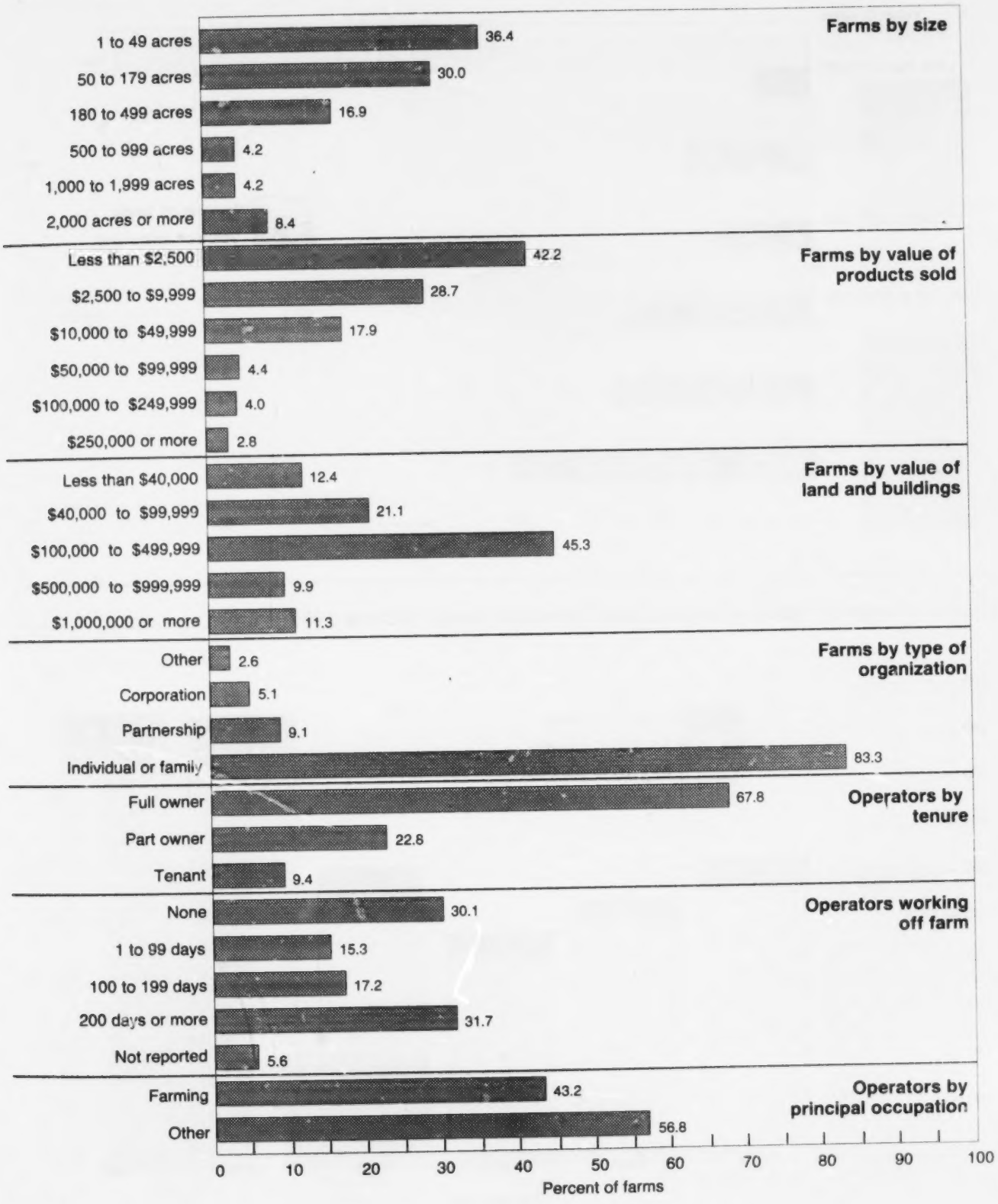

Figure 3. **Percent of Farms and of Value of Products Sold: 1987**

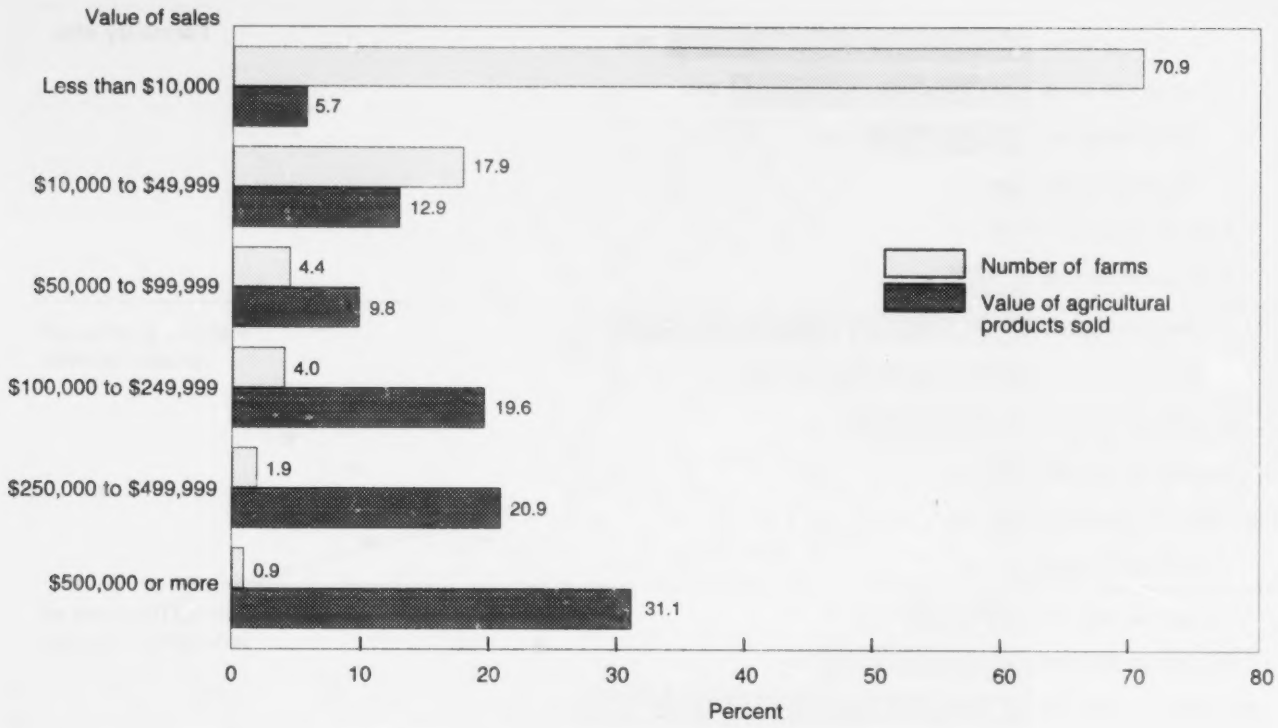

Figure 4. **Farms by Value of Agricultural Products Sold: 1959 to 1987**

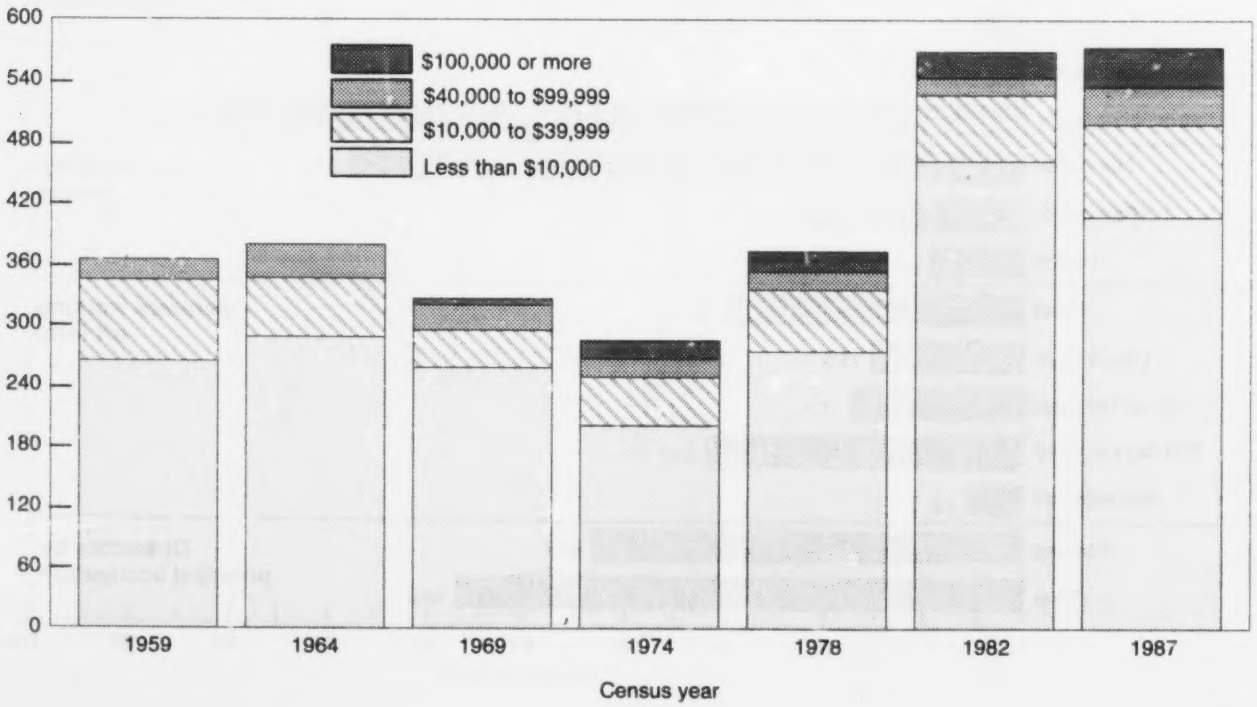

Figure 5. **Land Use: 1987**

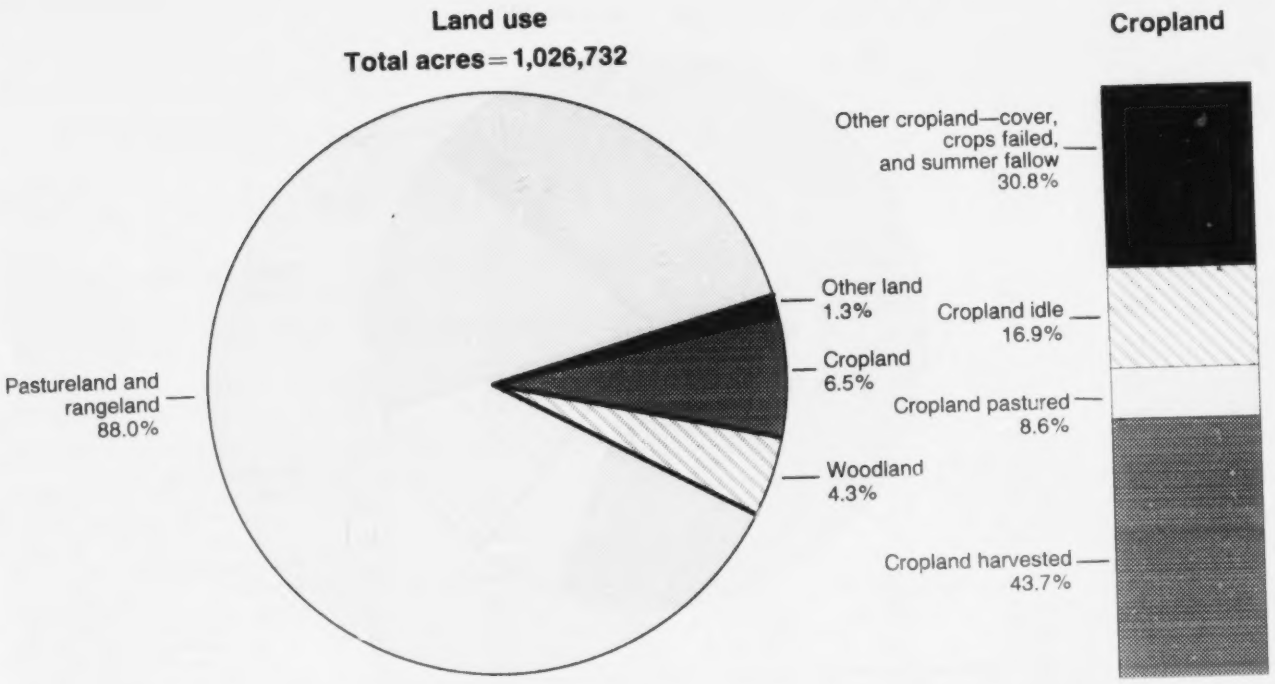

Figure 6. **Selected Crops Harvested: 1987**

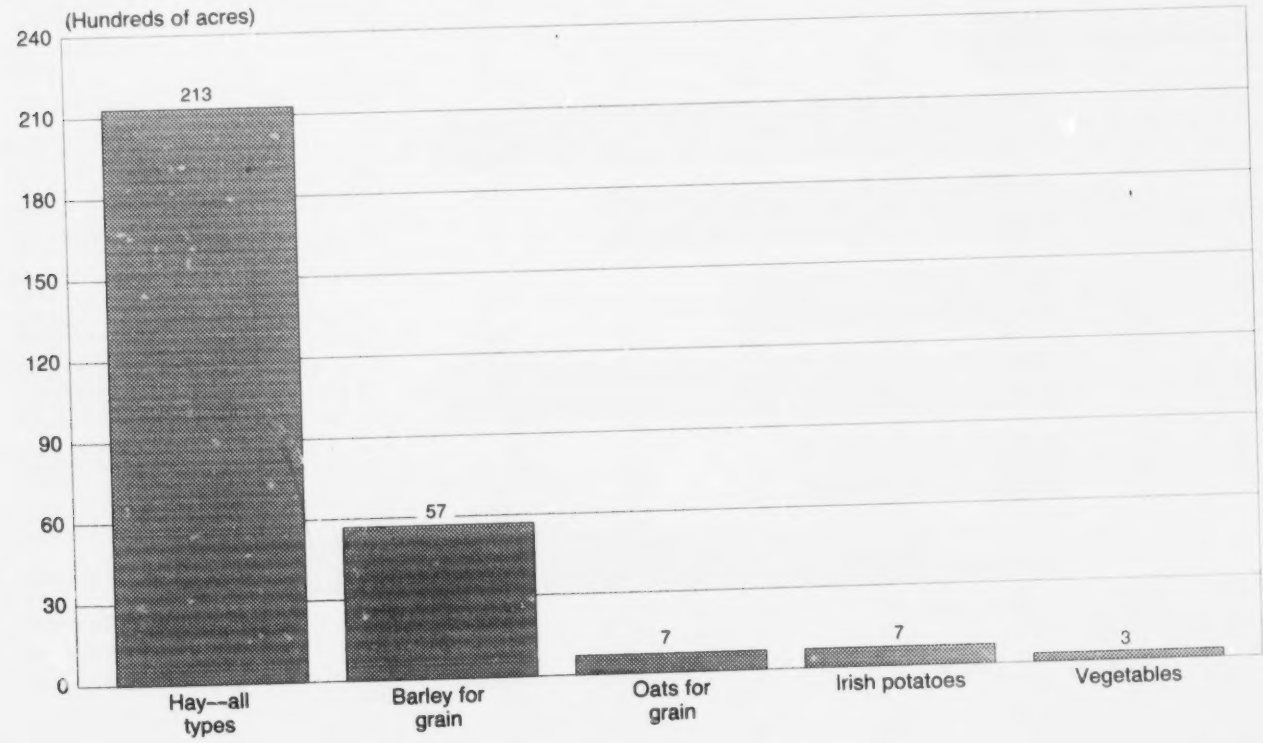

Figure 7. **Value of Livestock and Poultry Sold: 1987**

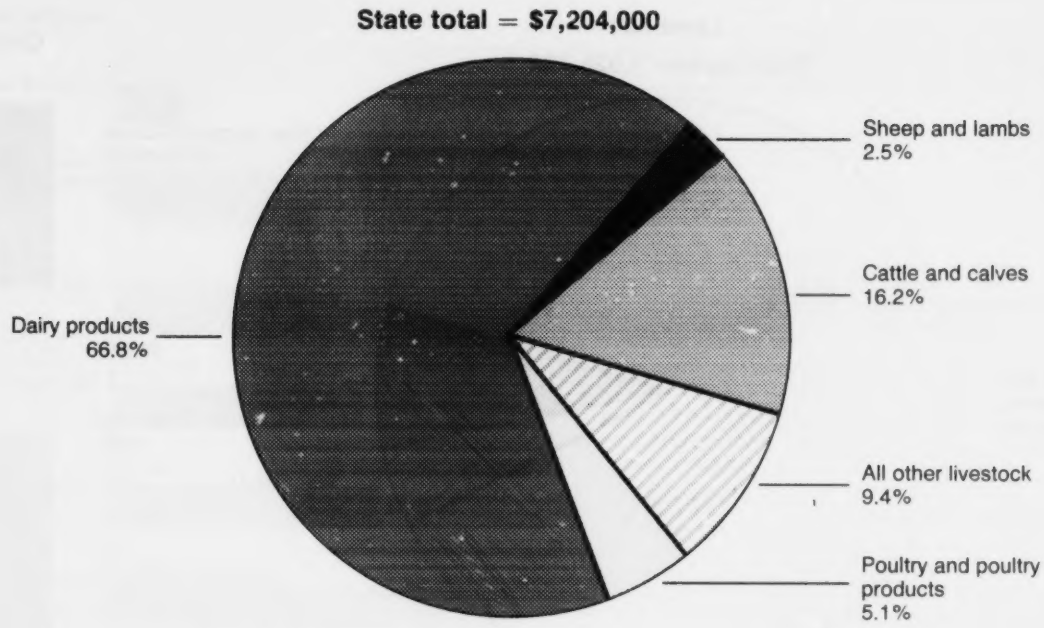
State total = $7,204,000
Sheep and lambs 2.5%
Cattle and calves 16.2%
All other livestock 9.4%
Poultry and poultry products 5.1%
Dairy products 66.8%

Figure 8. **Production Expenses: 1987**

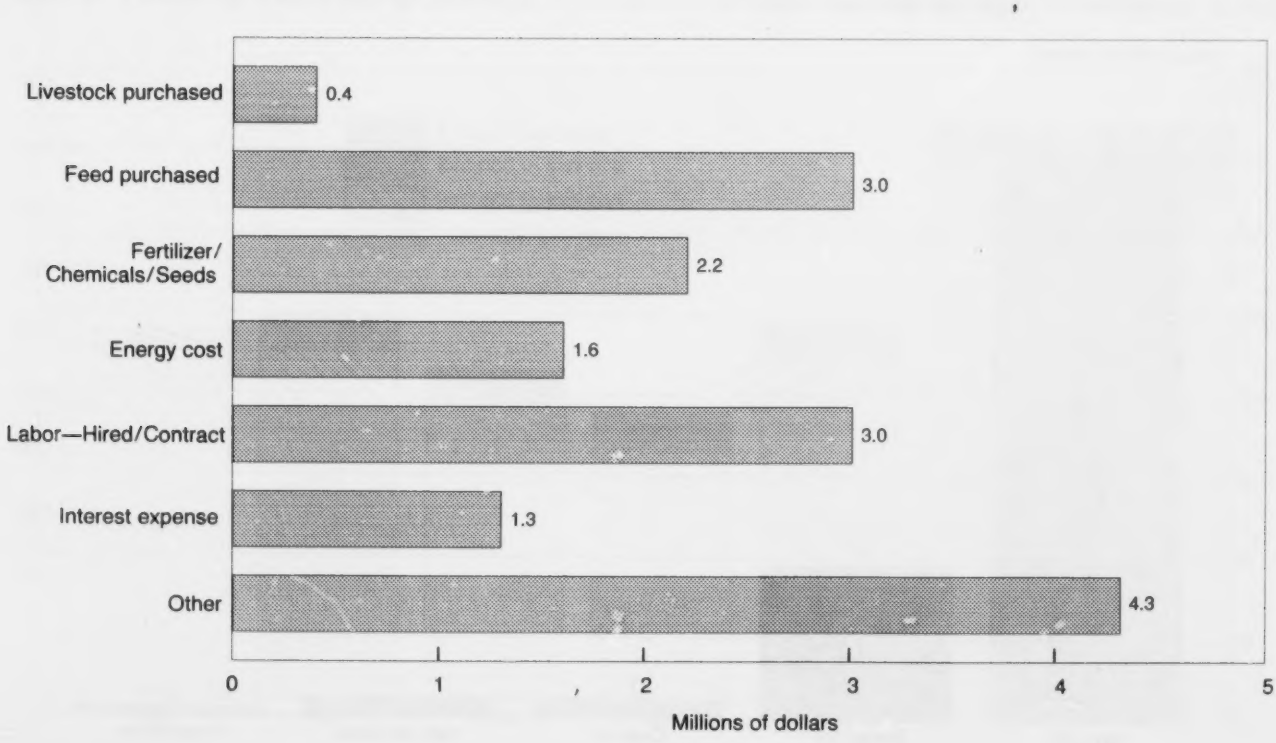

Table 1. Historical Highlights: 1987 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Farms — number	574	570	383	291	332	382	367	(NA)
Land in farms — acres	1 026 732	1 323 953	1 286 463	1 633 070	1 604 211	1 959 440	888 331	(NA)
Average size of farm — acres	1 789	2 323	3 359	5 612	4 832	5 129	2 421	(NA)
Value of land and buildings[1]:								
Average per farm — dollars	553 000	463 849	364 527	237 938	61 541	47 150	48 379	(NA)
Average per acre — dollars	309	200	109	42	13	9	20	(NA)
Estimated market value of all machinery and equipment[1] — $1,000	22 290	18 562	7 762	5 004	2 628	(NA)	(NA)	(NA)
Average per farm — dollars	38 901	32 912	21 683	17 315	8 316	(NA)	(NA)	(NA)
Farms by size:								
1 to 9 acres	96	91	33	17	16	11	26	(NA)
10 to 49 acres	113	115	71	40	32	16	26	(NA)
50 to 179 acres	172	184	130	107	140	207	187	(NA)
180 to 499 acres	97	88	68	58	85	81	98	(NA)
500 to 999 acres	24	23	30	13	18	21	13	(NA)
1,000 to 1,999 acres	24	13	10	19	6	7	17	(NA)
2,000 acres or more	48	56	41	37	35	39		
Total cropland — farms	454	460	320	249	282	346	325	(NA)
acres	66 305	54 311	29 341	23 970	22 035	23 271	24 119	(NA)
Harvested cropland — farms	397	395	303	237	251	305	302	(NA)
acres	28 949	25 694	20 538	16 750	13 105	16 410	14 482	(NA)
Irrigated land — farms	74	46	35	28	28	10	(NA)	(NA)
acres	1 826	667	920	888	823	158	(NA)	(NA)
Market value of agricultural products sold[2] — $1,000	17 972	11 399	8 225	6 695	3 617	3 768	3 214	(NA)
Average per farm — dollars	31 309	19 999	21 475	23 007	10 895	9 865	8 758	(NA)
Crops, including nursery and greenhouse crops — $1,000	10 768	6 010	4 661	2 808	983	951	840	(NA)
Livestock, poultry, and their products — $1,000	7 204	5 389	3 564	3 827	2 621	2 733	2 367	(NA)
Farms by value of sales[3]:								
Less than $2,500	242	267	152	108	208	224	205	(NA)
$2,500 to $4,999	92	110	64	37	25	40	28	(NA)
$5,000 to $9,999	73	85	58	56	25	24	31	(NA)
$10,000 to $24,999[4]	65	46	45	66	62	90	100	(NA)
$25,000 to $49,999[5]	38	25	21				-	(NA)
$50,000 to $99,999	25	11	13	18	6	1	-	(NA)
$100,000 to $499,999	34	23	19				-	(NA)
$500,000 or more	5	3	1	-	-		-	(NA)
Farms by type of organization:								
Individual or family (sole proprietorship)	478	489	327	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership	52	42	29	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation	29	29	15	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	15	10	12	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm[6]:								
None	173	132	103	55	(NA)	(NA)	(NA)	(NA)
Any	369	397	276	205	244	233	215	(NA)
200 days or more	182	200	127	108	147	145	116	(NA)
Operators by principal occupation[6]:								
Farming	248	231	150	97	(NA)	(NA)	(NA)	(NA)
Other	326	339	233	176	(NA)	(NA)	(NA)	(NA)
Average age of operator[6] — years	48.9	45.8	46.8	48.6	47.0	46.6	46.2	(NA)
Total farm production expenses[1] — $1,000	15 774	(NA)	(NA)	6 356	3 358	(NA)	(NA)	(NA)
Selected farm production expenses[1]:								
Livestock and poultry purchased — $1,000	386	507	569	180	246	204	158	(NA)
Feed for livestock and poultry — $1,000	2 978	2 293	1 665	1 675	809	1 132	674	(NA)
Commercial fertilizer[7] — $1,000	1 413	1 118	776	636	237	497	(NA)	(NA)
Petroleum products — $1,000	1 140	1 113	507	338	195	251	190	(NA)
Hired farm labor — $1,000	2 647	1 925	1 823	785	472	574	487	(NA)
Interest expense[8] — $1,000	1 275	1 486	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[7] — $1,000	166	45	68	24	19	(NA)	(NA)	(NA)
Livestock and poultry:								
Cattle and calves inventory — farms	170	207	141	124	136	203	188	(NA)
number	9 433	8 729	8 743	9 695	8 466	8 193	6 010	(NA)
Beef cows — farms	112	129	80	58	(NA)	68	(NA)	(NA)
number	3 199	2 994	2 773	3 104	2 653	2 186	973	(NA)
Milk cows — farms	50	64	59	50	76	123	126	(NA)
number	1 713	963	1 330	1 607	1 662	2 477	2 186	(NA)
Cattle and calves sold — farms	134	151	102	95	112	123	127	(NA)
number	2 538	1 640	1 616	1 510	2 029	1 874	1 229	(NA)
Hogs and pigs inventory — farms	45	88	55	31	24	32	43	(NA)
number	573	3 741	845	1 162	975	1 105	1 205	(NA)
Hogs and pigs sold — farms	37	70	36	18	13	21	22	(NA)
number	1 100	6 244	(D)	1 635	836	657	1 221	(NA)
Chickens 3 months old or older inventory[9] — farms	82	110	89	62	67	92	100	(NA)
number	2 385	(D)	33 012	29 176	26 956	31 218	33 779	(NA)
Broilers and other meat-type chickens sold — farms	12	19	13	4	4	-	7	(NA)
number	4 141	4 610	1 418	5 408	300	-	1 171	(NA)

See footnotes at end of table.

Table 1. **Historical Highlights: 1987 and Earlier Census Years**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms		1987	1982	1978	1974	1969	1964	1959	1954
Selected crops harvested:									
Barley for grain	farms	35	45	44	(NA)	(NA)	53	67	(NA)
	acres	5 666	6 950	3 887	(NA)	(NA)	1 914	1 523	(NA)
	bushels	235 417	227 820	166 923	(NA)	(NA)	72 606	60 373	(NA)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	290	307	231	178	175	(NA)	(NA)	(NA)
	acres	21 254	17 248	15 536	14 528	10 228	13 343	10 767	(NA)
	tons, dry	28 615	19 726	23 591	20 015	12 548	19 741	17 500	(NA)

[1]Data are based on a sample of farms.
[2]Data for 1974 and prior years include the value of forest products sold.
[3]Data for 1982 and prior years exclude abnormal farms.
[4]Data for 1959 are for $10,000 or more.
[5]Data for 1954 are for $25,000 or more.
[6]Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships; see text.
[7]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.
[8]Data for 1982 do not include imputation for item nonresponse.
[9]Data for 1964 and prior years are for chickens 4 months old or older.

Table 2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		1987	Percent of total in 1987	1982	1978
Total sales (see text)	farms	574	100.0	570	383
	$1,000	17 972	100.0	11 399	8 225
Average per farm	dollars	31 309	(X)	19 999	21 475
Value of sales[1]:					
Less than $1,000 (see text)	farms	137	23.9	109	46
	$1,000	30	.2	26	15
$1,000 to $2,499	farms	105	18.3	158	106
	$1,000	171	1.0	251	174
$2,500 to $4,999	farms	92	16.0	110	64
	$1,000	309	1.7	380	224
$5,000 to $9,999	farms	73	12.7	85	58
	$1,000	517	2.9	596	392
$10,000 to $19,999	farms	55	9.6	39	38
	$1,000	743	4.1	547	527
$20,000 to $24,999	farms	10	1.7	7	7
	$1,000	218	1.2	155	153
$25,000 to $39,999	farms	26	4.5	19	16
	$1,000	801	4.5	603	488
$40,000 to $49,999	farms	12	2.1	6	5
	$1,000	551	3.1	263	(D)
$50,000 to $99,999	farms	25	4.4	11	13
	$1,000	1 755	9.8	777	(D)
$100,000 to $249,999	farms	23	4.0	18	14
	$1,000	3 526	19.6	2 964	2 405
$250,000 to $499,999	farms	11	1.9	5	5
	$1,000	3 760	20.9	2 100	(D)
$500,000 to $999,999[2]	farms	3	.5	3	1
	$1,000	(D)	(D)	2 737	(D)
$1,000,000 or more	farms	2	.3	-	-
	$1,000	(D)	(D)	-	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	318	55.4	292	252
	$1,000	10 768	59.9	6 010	4 861
Grains	farms	32	5.6	33	35
	$1,000	828	4.6	679	641
Corn for grain	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Wheat	farms	4	.7	4	(NA)
	$1,000	(D)	(D)	9	(NA)
Soybeans	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Sorghum for grain	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Barley	farms	24	4.2	(NA)	(NA)
	$1,000	719	4.0	(NA)	(NA)
Oats	farms	12	2.1	12	(NA)
	$1,000	83	.5	24	(NA)
Other grains[3]	farms	2	.3	28	(NA)
	$1,000	(D)	(D)	645	(NA)
Cotton and cottonseed	farms	-	-	-	-
	$1,000	-	-	-	-
Tobacco	farms	-	-	-	-
	$1,000	-	-	-	-
Hay, silage, and field seeds	farms	209	36.4	176	172
	$1,000	2 200	12.2	(D)	1 289
Vegetables, sweet corn, and melons	farms	46	8.0	41	43
	$1,000	780	4.3	649	(D)
Fruits, nuts, and berries	farms	16	2.8	15	9
	$1,000	12	.1	16	(D)
Nursery and greenhouse crops	farms	75	13.1	66	45
	$1,000	5 549	30.9	3 033	1 605
Other crops	farms	54	9.4	50	60
	$1,000	1 399	7.8	(D)	662
Livestock, poultry, and their products	farms	261	45.5	326	206
	$1,000	7 204	40.1	5 389	3 564
Poultry and poultry products	farms	58	10.1	98	69
	$1,000	(D)	(D)	(D)	374
Dairy products	farms	25	4.4	32	35
	$1,000	4 814	26.8	2 550	2 492
Cattle and calves	farms	134	23.3	151	102
	$1,000	1 168	6.5	651	387
Hogs and pigs	farms	37	6.4	70	36
	$1,000	118	.7	812	(D)
Sheep, lambs, and wool	farms	25	4.4	20	15
	$1,000	181	1.0	(D)	(D)
Other livestock and livestock products (see text)	farms	111	19.3	130	89
	$1,000	(D)	(D)	(D)	171

[1]Data for 1982 and 1978 exclude abnormal farms.
[2]Data for 1982 and 1978 are for $500,000 or more.
[3]Data for 1982 include barley.

Table 3. Farm Production Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses ($1,000)		
Total farm production expenses — farms	574	(X)	(NA)	(NA)
$1,000	(X)	15 774	(NA)	(NA)
Average per farm — dollars	(X)	27 480	(NA)	(NA)
Farms with expenses of—				
$1 to $4,999	210	582	(NA)	(NA)
$5,000 to $9,999	134	962	(NA)	(NA)
$10,000 to $24,999	117	1 837	(NA)	(NA)
$25,000 to $49,999	52	1 818	(NA)	(NA)
$50,000 to $99,999	31	2 036	(NA)	(NA)
$100,000 to $249,999	21	3 285	(NA)	(NA)
$250,000 to $499,999	5	(D)	(NA)	(NA)
$500,000 or more	4	(D)	(NA)	(NA)
Livestock and poultry purchased — farms	138	(X)	188	104
$1,000	(X)	386	507	589
percent of total	(X)	2.4	(NA)	(NA)
Farms with expenses of—				
$1 to $999	72	23	114	59
$1,000 to $4,999	45	109	51	30
$5,000 to $9,999	9	61	8	6
$10,000 to $24,999[1]	10	(D)	13	9
$25,000 to $49,999	1	(D)		-
$50,000 to $99,999	-	-	2	-
$100,000 to $249,999	-	-		-
$250,000 or more	-	-		-
Feed for livestock and poultry — farms	282	(X)	335	222
$1,000	(X)	2 978	2 293	1 665
percent of total	(X)	18.9	(NA)	(NA)
Farms with expenses of—				
$1 to $999	95	39	134	88
$1,000 to $4,999	116	285	141	91
$5,000 to $9,999	37	238	38	22
$10,000 to $24,999[1]	18	272		21
$25,000 to $49,999	5	(D)	15	-
$50,000 to $79,999	2	(D)		-
$80,000 to $99,999	2	(D)	7	-
$100,000 or more	7	(D)		-
Commercially mixed formula feeds — farms	169	(X)	203	146
$1,000	(X)	1 456	1 531	1 140
percent of total	(X)	9.2	(NA)	(NA)
Farms with expenses of—				
$1 to $999	88	35	99	73
$1,000 to $4,999	56	(D)	81	53
$5,000 to $9,999	7	(D)	10	4
$10,000 to $24,999[1]	4	(D)	6	16
$25,000 to $49,999	7	(D)		-
$50,000 to $79,999	1	(D)	7	-
$80,000 or more	6	(D)		-
Seeds, bulbs, plants, and trees — farms	231	(X)	198	145
$1,000	(X)	658	359	238
percent of total	(X)	4.2	(NA)	(NA)
Farms with expenses of—				
$1 to $499	123	24	105	95
$500 to $999	26	18	22	17
$1,000 to $4,999	54	132	56	24
$5,000 to $9,999	12	79	5	1
$10,000 to $19,999	13	(D)	8	7
$20,000 to $24,999	-	-		
$25,000 or more	3	(D)	2	1
Commercial fertilizer[2] — farms	338	(X)	351	256
$1,000	(X)	1 413	1 118	776
percent of total	(X)	9.0	(NA)	(NA)
Farms with expenses of—				
$1 to $499	100	21	132	91
$500 to $999	52	35	54	42
$1,000 to $4,999	117	260	118	75
$5,000 to $9,999	24	167	19	28
$10,000 to $24,999[1]	40	629	22	20
$25,000 to $29,999	-	-		-
$30,000 to $49,999	1	(D)		-
$50,000 to $99,999	4	(D)	6	-
$100,000 or more	-	-		-
Agricultural chemicals[3] — farms	156	(X)	90	98
$1,000	(X)	166	45	68
percent of total	(X)	1.1	(NA)	(NA)
Farms with expenses of—				
$1 to $499	97	18	78	68
$500 to $999	19	12	5	12
$1,000 to $4,999	33	62	4	14
$5,000 to $9,999	5	(D)	2	1
$10,000 to $24,999	2	(D)		
$25,000 to $49,999	-	-	1	1
$50,000 or more	-	-		
Petroleum products — farms	540	(X)	559	361
$1,000	(X)	1 140	1 113	507
percent of total	(X)	7.2	(NA)	(NA)
Farms with expenses of—				
$1 to $999	349	127	339	248
$1,000 to $4,999	143	(D)	170	90
$5,000 to $9,999	29	187	28	15
$10,000 to $24,999[1]	14	(D)	21	8
$25,000 to $39,999	2	(D)		-
$40,000 to $49,999	1	(D)	1	-
$50,000 or more	2	(D)		-

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses ($1,000)		
Total farm production expenses—Con.				
Electricity				
farms	355	(X)	361	197
$1,000	(X)	440	396	153
percent of total	(X)	2.8	(NA)	(NA)
Farms with expenses of—				
$1 to $499	197	39	197	135
$500 to $999	60	40	55	29
$1,000 to $1,999	52	(D)	68	17
$2,000 to $4,999	31	(D)	24	10
$5,000 to $9,999	10	67	17	6
$10,000 to $24,999	3	(D)		
$25,000 or more	2	(D)		
Hired farm labor				
farms	204	(X)	255	155
$1,000	(X)	2 647	1 925	1 823
percent of total	(X)	16.8	(NA)	(NA)
Farms with expenses of—				
$1 to $999	79	32	96	57
$1,000 to $4,999	62	(D)	106	52
$5,000 to $9,999	20	129	25	10
$10,000 to $24,999[1]	18	(D)	23	36
$25,000 to $49,999	15	523		-
$50,000 to $79,999	3	(D)	5	-
$80,000 to $99,999	1	(D)		-
$100,000 or more	6	1 294		-
Contract labor				
farms	92	(X)	38	11
$1,000	(X)	364	91	27
percent of total	(X)	2.3	(NA)	(NA)
Farms with expenses of—				
$1 to $999	43	18	22	5
$1,000 to $4,999	34	74	11	4
$5,000 to $9,999	8	54	3	2
$10,000 to $24,999	3	46	2	-
$25,000 to $49,999	2	(D)		
$50,000 or more	2	(D)		
Repair and maintenance				
farms	462	(X)	(NA)	(NA)
$1,000	(X)	1 017	(NA)	(NA)
percent of total	(X)	6.4	(NA)	(NA)
Farms with expenses of—				
$1 to $999	266	104	(NA)	(NA)
$1,000 to $4,999	149	301	(NA)	(NA)
$5,000 to $9,999	27	167	(NA)	(NA)
$10,000 to $24,999	15	(D)	(NA)	(NA)
$25,000 to $49,999	3	(D)	(NA)	(NA)
$50,000 or more	2	(D)		
Customwork, machine hire, and rental of machinery and equipment[3]				
farms	145	(X)	106	88
$1,000	(X)	303	119	98
percent of total	(X)	1.9	(NA)	(NA)
Farms with expenses of—				
$1 to $999	90	31	69	63
$1,000 to $4,999	45	(D)	34	22
$5,000 to $9,999	6	38	2	2
$10,000 to $24,999	2	(D)	1	1
$25,000 to $49,999	1	(D)		
$50,000 or more	1			
Interest[4]				
farms	257	(X)	231	(NA)
$1,000	(X)	1 275	1 466	(NA)
percent of total	(X)	8.1	(NA)	(NA)
Farms with expenses of—				
$1 to $999	69	28	48	(NA)
$1,000 to $4,999	121	280	112	(NA)
$5,000 to $9,999	36	247	28	(NA)
$10,000 to $24,999	24	323		
$25,000 to $49,999	5	(D)	43	(NA)
$50,000 to $99,999	1	(D)		
$100,000 or more	1	(D)		
Interest paid on debt:				
Secured by real estate	175	969	(NA)	(NA)
Not secured by real estate	135	306	(NA)	(NA)
Cash rent				
farms	90	(X)	(NA)	(NA)
$1,000	(X)	357	(NA)	(NA)
percent of total	(X)	2.3	(NA)	(NA)
Farms with expenses of—				
$1 to $499	33	7	(NA)	(NA)
$500 to $999	15	(D)	(NA)	(NA)
$1,000 to $4,999	29	(D)	(NA)	(NA)
$5,000 to $9,999	8	51	(NA)	(NA)
$10,000 to $24,999	3	(D)	(NA)	(NA)
$25,000 to $49,999	1	(D)	(NA)	(NA)
$50,000 or more	1	(D)		
Property taxes paid				
farms	528	(X)	(NA)	(NA)
$1,000	(X)	731	(NA)	(NA)
percent of total	(X)	4.6	(NA)	(NA)
Farms with expenses of—				
$1 to $499	202	46	(NA)	(NA)
$500 to $999	121	84	(NA)	(NA)
$1,000 to $4,999	186	396	(NA)	(NA)
$5,000 to $9,999	14	(D)	(NA)	(NA)
$10,000 to $24,999	3	(D)	(NA)	(NA)
$25,000 or more	2	(D)		

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses ($1,000)		
Total farm production expenses—Con.				
All other farm production expenses—farms	498	(X)	(NA)	(NA)
$1,000	(X)	1 897	(NA)	(NA)
percent of total	(X)	12.0	(NA)	(NA)
Farms with expenses of—				
$1 to $999	286	114	(NA)	(NA)
$1,000 to $4,999	153	316	(NA)	(NA)
$5,000 to $9,999	17	(D)	(NA)	(NA)
$10,000 to $24,999	27	458	(NA)	(NA)
$25,000 to $49,999	8	249	(NA)	(NA)
$50,000 to $99,999	6	(D)	(NA)	(NA)
$100,000 or more	1	(D)	(NA)	(NA)

[1]Data for 1978 are for $10,000 or more.
[2]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.
[3]Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[4]Data for 1982 do not include imputation for item nonresponse.

Table 4. Net Cash Return From Agricultural Sales: 1987

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms	Farms with sales of $10,000 or more	Farms with sales of less than $10,000
Net cash return from agricultural sales for the farm unit (see text)—farms	574	167	407
$1,000	2 198	4 446	-2 248
Average per farm—dollars	3 829	26 621	-5 523
Farms with net gains[1]—number	181	112	69
$1,000	5 543	5 426	117
Average per farm—dollars	30 622	48 446	1 692
Gain of—			
Less than $1,000	32	3	29
$1,000 to $4,999	56	16	40
$5,000 to $9,999	20	20	-
$10,000 to $24,999	26	26	-
$25,000 to $49,999	22	22	-
$50,000 or more	25	25	-
Farms with net losses—number	393	55	338
$1,000	3 345	980	2 365
Average per farm—dollars	8 511	17 822	6 996
Loss of—			
Less than $1,000	50	4	46
$1,000 to $4,999	168	10	158
$5,000 to $9,999	89	16	73
$10,000 to $24,999	63	14	49
$25,000 to $49,999	12	6	6
$50,000 or more	11	5	6

[1]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 5. Government Payments and Other Farm-Related Income: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of $10,000 or more	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Government payments	1987 42	580	26	534
	1982 (X)	13 801	(X)	20 556
Average per farm[1]	1987 (X)	13 810	(X)	20 556
	1982 (X)	3 450	(X)	5 139
Farms with receipts of—				
$1 to $999	6	4	2	(D)
$1,000 to $4,999	21	(D)	11	32
$5,000 to $9,999	4	29	2	(D)
$10,000 to $24,999	5	(D)	5	(D)
$25,000 to $49,999	2	(D)	2	(D)
$50,000 or more	4	345	4	345
Amount received in cash	1987 36	321	22	289
	1982 19	259	15	246
Value of certificates received	1987 (X)	-	(X)	-
	1982 (X)	-	(X)	-
Other farm-related income, gross before taxes and expenses[2]	1987 112	700	39	450
	1982 (X)	6 251	(X)	11 535
Average per farm[1]	1987 (X)	6 250	(X)	11 538
	1982 (X)	2 781	(X)	5 135
Farms with receipts of—				
$1 to $999	33	12	7	2
$1,000 to $4,999	40	96	14	38
$5,000 to $9,999	24	153	7	42
$10,000 to $24,999	8	(D)	5	(D)
$25,000 to $49,999	4	(D)	3	(D)
$50,000 or more	3	197	3	197
Customwork and other agricultural services[3]	1987 62	410	26	307
	1982 54	194	16	139
Average per farm[1]	1987 (X)	6 613	(X)	11 827
	1982 (X)	3 594	(X)	8 700
1987 farms with receipts of—				
$1 to $999	21	8	5	2
$1,000 to $4,999	19	(D)	9	22
$5,000 to $9,999	15	(D)	6	(D)
$10,000 to $24,999	2	(D)	1	(D)
$25,000 to $49,999	3	103	3	103
$50,000 or more	2	(D)	2	(D)
Rental of farmland	1987 20	54	4	8
	1982 (X)	2 703	(X)	2 024
Average per farm[1]	1987 (X)	2 700	(X)	2 000
	1982 (X)	1 351	(X)	1 012
Farms with receipts of—				
$1 to $999	7	2	1	(D)
$1,000 to $4,999	12	(D)	3	(D)
$5,000 to $9,999	-	-	-	-
$10,000 to $24,999	-	-	-	-
$25,000 or more	1	(D)	-	-
Sales of forest products and Christmas trees	1987 18	50	7	36
	1982 (X)	2 777	(X)	5 203
Average per farm[1]	1987 (X)	2 778	(X)	5 143
	1982 (X)	1 389	(X)	2 602
Farms with receipts of—				
$1 to $999	8	3	2	(D)
$1,000 to $4,999	7	10	3	(D)
$5,000 to $9,999	1	(D)	-	-
$10,000 to $24,999	2	(D)	2	(D)
$25,000 or more	-	-	-	-
Other farm-related income sources	1987 30	186	10	98
	1982 (X)	6 200	(X)	9 787
Average per farm[1]	1987 (X)	6 200	(X)	9 800
	1982 (X)	3 100	(X)	4 894
Farms with receipts of—				
$1 to $999	8	3	2	(D)
$1,000 to $4,999	9	24	4	13
$5,000 to $9,999	9	58	2	(D)
$10,000 to $24,999	3	(D)	1	(D)
$25,000 or more	1	(D)	1	(D)

[1]Data are in whole dollars.
[2]Data are based on a sample of farms.
[3]Data for 1987 are based on a sample of farms; data for 1982 are nonsample and exclude abnormals from farms with sales of $10,000 or more.

Table 6. Commodity Credit Corporation Loans: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

CCC loans	1987		1982	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Total	-	-	-	-
Average per farm[1]	(X)	-	(X)	-
Farms with loans of—				
$1 to $999	-	-	-	-
$1,000 to $4,999	-	-	-	-
$5,000 to $9,999	-	-	-	-
$10,000 to $19,999	-	-	-	-
$20,000 to $24,999	-	-	-	-
$25,000 to $49,999	-	-	-	-
$50,000 or more	-	-		
Corn	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Wheat	-	-	-	-
Average per farm[1]	(X)	-	(X)	-
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Soybeans	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Sorghum, barley, and oats	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Cotton	-	-	-	-
Average per farm[1]	(X)	-	(X)	-
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Peanuts, rye, rice, tobacco, and honey	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(X)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)

[1]Data are in whole dollars.

Table 7. Land Use and Acres Diverted: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

All farms		1987	Percent of total in 1987	1982	1978
Farms	number	574	100.0	570	383
Land in farms	acres	1 026 732	100.0	1 323 953	1 286 463
Total cropland	farms	454	79.1	460	320
	acres	66 305	6.5	54 311	29 341
Harvested cropland	farms	397	69.2	395	303
	acres	28 949	2.8	25 694	20 538
Farms by acres harvested:					
1 to 49 acres		267	46.5	272	202
1 to 9 acres		106	18.5	114	87
10 to 19 acres		62	10.8	52	39
20 to 29 acres		46	8.0	53	36
30 to 49 acres		53	9.2	53	40
50 to 99 acres		53	9.2	63	49
100 to 199 acres		40	7.0	32	24
200 to 499 acres		24	4.2	18	23
500 to 999 acres		11	1.9	7	2
1,000 acres or more		2	.3	3	3
1,000 to 1,999 acres		2	.3	3	3
2,000 acres or more		-	-	-	-
Cropland used only for pasture or grazing	farms	147	25.6	143	37
	acres	5 694	.6	6 259	3 761
Other cropland	farms	198	34.5	178	104
	acres	31 662	3.1	22 358	5 042
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	80	13.9	37	32
	acres	11 411	1.1	1 022	391
Cropland on which all crops failed	farms	40	7.0	50	21
	acres	693	.1	1 265	426
Cropland in cultivated summer fallow	farms	54	9.4	42	32
	acres	8 351	.8	6 914	883
Cropland idle	farms	121	21.1	95	58
	acres	11 207	1.1	13 157	3 342
Total woodland	farms	300	52.3	281	207
	acres	44 211	4.3	40 389	37 390
Woodland pastured	farms	103	17.9	94	76
	acres	16 650	1.6	14 424	15 464
Woodland not pastured	farms	243	42.3	224	163
	acres	27 561	2.7	25 965	21 926
Pastureland and rangeland other than cropland and woodland pastured	farms	136	23.7	172	124
	acres	903 056	88.0	1 217 106	1 212 192
Land in house lots, ponds, roads, wasteland, etc.	farms	399	69.5	396	239
	acres	13 160	1.3	12 147	7 540
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	15	(X)	8	4
	acres	1 712	(X)	(D)	56
Conservation reserve program	farms	11	(X)	(NA)	(NA)
	acres	4 455	(X)	(NA)	(NA)

Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1987	1982	1987	1982	1987	1982	1987	1982
Land in farms	574	570	1 026 732	1 323 953	28 949	25 694	1 826	667
Farms by size:								
1 to 9 acres	96	91	310	(D)	65	68	27	23
10 to 49 acres	113	115	2 624	3 043	600	833	86	14
50 to 69 acres	25	29	(D)	1 683	595	624	(D)	42
70 to 99 acres	39	42	3 171	3 394	919	945	6	(D)
100 to 139 acres	45	48	5 392	5 586	1 464	1 763	32	(D)
140 to 179 acres	62	65	9 865	10 273	2 142	1 774	173	60
180 to 219 acres	19	20	3 672	3 905	(D)	925	(D)	(D)
220 to 259 acres	25	18	5 920	4 191	(D)	961	131	(D)
260 to 499 acres	53	50	18 826	17 231	4 854	4 550	414	413
500 to 999 acres	24	23	(D)	16 198	(D)	2 846	(D)	-
1,000 to 1,999 acres	24	13	32 579	(D)	3 181	2 696	(D)	-
2,000 acres or more	48	56	925 803	1 240 544	(D)	7 709	-	-
5,000 acres or more	27	38	885 846	1 185 793	1 616	1 936	-	-
Farms with harvested cropland	397	395	235 087	291 001	28 949	25 694	1 826	667
Farms by size:								
1 to 9 acres	42	34	130	152	65	68	27	23
10 to 49 acres	83	75	1 598	2 132	600	833	86	14
50 to 69 acres	20	22	1 133	1 297	595	624	(D)	42
70 to 99 acres	31	33	2 494	2 695	919	945	6	(D)
100 to 139 acres	38	43	4 468	5 050	1 464	1 763	32	(D)
140 to 179 acres	56	57	8 887	9 005	2 142	1 774	173	60
180 to 219 acres	13	18	(D)	3 507	(D)	925	(D)	(D)
220 to 259 acres	24	18	(D)	3 708	(D)	961	131	(D)
260 to 499 acres	49	46	17 539	15 859	4 854	4 550	414	413
500 to 999 acres	22	18	15 917	13 115	(D)	2 846	(D)	-
1,000 to 1,999 acres	18	11	24 138	14 483	3 181	2 696	(D)	-
2,000 acres or more	21	22	150 574	219 998	(D)	7 709	-	-
5,000 acres or more	7	8	110 804	176 264	1 616	1 936	-	-
Farms with irrigated land	74	46	12 327	4 705	(D)	1 084	1 826	667
Farms by size:								
1 to 9 acres	22	12	70	54	29	25	27	23
10 to 49 acres	17	10	334	218	89	36	86	14
50 to 69 acres	1	3	(D)	168	(D)	71	(D)	42
70 to 99 acres	4	1	330	(D)	35	(D)	6	(D)
100 to 139 acres	3	2	409	(D)	36	(D)	32	(D)
140 to 179 acres	8	11	1 303	1 742	212	99	173	60
180 to 219 acres	1	1	(D)	(D)	(D)	(D)	(D)	(D)
220 to 259 acres	3	1	732	(D)	435	(D)	131	(D)
260 to 499 acres	10	5	3 564	1 739	903	528	414	413
500 to 999 acres	3	-	2 404	-	1 610	-	(D)	-
1,000 to 1,999 acres	2	-	(D)	-	(D)	-	(D)	-
2,000 acres or more	-	-	-	-	-	-	-	-
5,000 acres or more	-	-	-	-	-	-	-	-

Table 9. Irrigation: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		1987	1982	1978
Farms	number	74	46	35
Proportion of farms	percent	12.9	8.1	9.1
Irrigated land	acres	1 826	667	920
Average per farm	acres	25	15	26
Acres irrigated:				
1 to 9 acres	farms	52	35	17
	acres	85	75	32
10 to 49 acres	farms	14	8	10
	acres	329	177	173
50 to 99 acres	farms	3	2	5
	acres	222	(D)	347
100 to 199 acres	farms	3	-	3
	acres	(D)	-	388
Irrigated land—Con.				
Acres irrigated—Con.				
200 to 499 acres	farms	1	1	-
	acres	(D)	(D)	-
500 to 999 acres	farms	1	-	-
	acres	(D)	-	-
1,000 acres or more	farms	-	-	-
	acres	-	-	-
Irrigated land use:				
Harvested cropland	farms	74	46	33
	acres	(D)	667	863
Pastureland and other land	farms	1	-	(NA)
	acres	(D)	-	57
Land in irrigated farms	acres	12 327	4 705	7 676
Cropland	acres	6 084	1 862	4 726
Harvested cropland	acres	(D)	1 084	3 111

Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	1987	1982	1987	1982	1987	1982	1987	1982
Farms — number	574	570	74	46	48	34	500	524
Land in farms — acres	1 026 732	1 323 953	12 327	4 705	2 034	3 076	1 014 405	1 319 248
Value of land and buildings[1]:								
Average per farm — dollars	553 000	463 849	438 959	530 957	299 542	539 588	569 878	457 958
Average per acre — dollars	309	200	2 635	5 191	7 069	5 964	281	182
Irrigated land — acres	1 826	667	1 826	667	426	522	(X)	(X)
Land in farms according to use:								
Total cropland — farms	454	460	74	46	48	34	380	414
acres	66 305	54 311	6 084	1 862	969	955	60 221	52 449
Harvested cropland — farms	397	395	74	46	48	34	323	349
acres	26 949	25 694	(D)	1 084	426	(D)	(D)	24 610
Pastureland, excluding woodland pastured — farms	263	281	8	10	3	5	255	271
acres	908 750	1 223 365	407	171	53	113	908 343	1 223 194
Land set aside in federal farm programs — farms	19	(NA)	-	(NA)	-	(NA)	19	(NA)
acres	(D)	(NA)	-	(NA)	-	(NA)	(D)	(NA)
Owned and rented land in farms:								
Owned land in farms — farms	520	(NA)	68	(NA)	43	(NA)	454	(NA)
acres	329 650	(NA)	10 388	(NA)	1 607	(NA)	319 262	(NA)
Rented or leased land in farms — farms	185	188	21	(NA)	11	(NA)	164	(NA)
acres	697 082	1 026 925	1 939	(NA)	427	(NA)	695 143	(NA)
Market value of agricultural products sold — $1,000	17 972	11 399	7 659	4 136	5 340	3 889	10 312	7 263
Average per farm — dollars	31 309	19 999	103 502	89 915	111 257	114 369	20 625	13 861
Crops, including nursery and greenhouse crops — farms	318	292	74	44	48	32	244	248
$1,000	10 768	6 010	7 360	3 434	5 330	3 191	3 407	2 577
Livestock, poultry, and their products — farms	261	326	13	14	5	9	248	312
$1,000	7 204	5 389	299	702	10	698	6 905	4 687
Total farm production expenses[1] — $1,000	15 774	(NA)	4 906	(NA)	3 282	(NA)	10 867	(NA)
Average per farm — dollars	27 480	(NA)	66 301	(NA)	68 384	(NA)	21 735	(NA)
Livestock and poultry purchased — farms	138	188	7	(NA)	3	(NA)	131	(NA)
$1,000	386	507	4	(NA)	(D)	(NA)	382	(NA)
Feed for livestock and poultry — farms	282	335	16	13	7	8	266	322
$1,000	2 978	2 293	105	298	11	294	2 873	1 995
Seeds, bulbs, plants, and trees — farms	231	198	62	32	39	22	169	166
$1,000	658	359	377	106	293	86	281	253
Commercial fertilizer[2] — farms	338	351	69	40	43	29	269	311
$1,000	1 413	1 118	330	96	101	55	1 083	1 022
Agricultural chemicals[2] — farms	156	90	49	28	32	22	107	62
$1,000	166	45	101	26	68	6	65	19
Petroleum products — farms	540	559	73	(NA)	47	(NA)	467	(NA)
$1,000	1 140	1 113	453	(NA)	337	(NA)	687	(NA)
Electricity — farms	355	361	64	(NA)	41	(NA)	291	(NA)
$1,000	440	396	144	(NA)	87	(NA)	296	(NA)
Hired farm labor — farms	204	255	48	32	28	24	156	223
$1,000	2 647	1 925	1 467	1 020	1 124	935	1 179	905
Contract labor — farms	92	38	19	8	11	6	73	32
$1,000	364	91	80	29	52	(D)	284	62
Repairs and maintenance — farms	462	(NA)	62	(NA)	39	(NA)	400	(NA)
$1,000	1 017	(NA)	267	(NA)	143	(NA)	750	(NA)
Customwork, machine hire, and rental of machinery and equipment[3] — farms	145	106	22	(NA)	14	(NA)	123	(NA)
$1,000	303	119	56	(NA)	36	(NA)	247	(NA)
Interest[4] — farms	257	231	44	23	26	17	213	208
$1,000	1 275	1 466	480	284	318	238	795	1 182
Cash rent paid for land and buildings — farms	90	(NA)	13	(NA)	7	(NA)	77	(NA)
$1,000	357	(NA)	238	(NA)	209	(NA)	120	(NA)
Property taxes paid — farms	528	(NA)	66	(NA)	43	(NA)	462	(NA)
$1,000	731	(NA)	169	(NA)	112	(NA)	562	(NA)
All other farm production expenses — farms	498	(NA)	70	(NA)	45	(NA)	428	(NA)
$1,000	1 897	(NA)	636	(NA)	393	(NA)	1 261	(NA)
Commodity Credit Corporation loans — farms	-	-	-	(NA)	-	(NA)	-	(NA)
$1,000	-	-	-	(NA)	-	(NA)	-	(NA)
Government payments received — farms	42	(NA)	3	(NA)	-	(NA)	39	(NA)
$1,000	580	(NA)	7	(NA)	-	(NA)	573	(NA)
Other farm-related income[1] — farms	112	(NA)	14	(NA)	5	(NA)	98	(NA)
$1,000	700	(NA)	54	(NA)	12	(NA)	646	(NA)
Estimated market value of all machinery and equipment[1] — farms	573	564	74	46	48	34	499	518
$1,000	22 290	18 562	5 876	1 948	2 081	1 365	16 414	16 614
Average per farm — dollars	38 901	32 912	79 405	42 357	43 354	40 157	32 895	32 073
Inventory of livestock:								
Cattle and calves — farms	170	207	9	6	1	3	161	201
number	9 433	8 729	464	363	(D)	349	8 969	8 366
Milk cows — farms	50	64	3	2	-	2	47	62
number	1 713	963	70	(D)	-	(D)	1 643	(D)
Hogs and pigs — farms	45	88	4	2	1	2	41	86
number	573	3 741	(D)	(D)	(D)	(D)	(D)	(D)
Sheep and lambs — farms	27	21	2	2	-	1	25	19
number	2 394	(D)	(D)	(D)	-	(D)	(D)	(D)

[1]Data are based on a sample of farms.
[2]Data for 1987 include cost of custom applications.
[3]Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[4]Data for 1982 do not include imputation for item nonresponse.

Table 11. Value of Land and Buildings: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of land and buildings	1987		1982	1978
	Farms	Value ($1,000)		
Estimated market value of land and buildings—farms	574	(X)	570	383
$1,000	(X)	317 422	264 394	139 614
Average per farm—dollars	(X)	553 000	463 849	364 527
Average per acre—dollars	(X)	309	200	109
Farms by value group:				
$1 to $39,999	71	1 333	45	31
$40,000 to $69,999	57	2 914	51	38
$70,000 to $99,999	64	5 136	64	33
$100,000 to $149,999	70	8 175	81	52
$150,000 to $199,999	52	8 894	66	38
$200,000 to $499,999	138	41 384	164	117
$500,000 to $999,999	57	38 260	43	47
$1,000,000 to $1,999,999	31	44 065	56	29
$2,000,000 to $4,999,999	24	(D)		
$5,000,000 or more	10	(D)		

Table 12. Value of Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	1987		1982	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Estimated market value of all machinery and equipment	573	22 290	564	18 562
Average per farm[1]	(X)	38 901	(X)	32 912
By value group:				
$1 to $4,999	51	137	72	216
$5,000 to $9,999	140	910	143	941
$10,000 to $19,999	92	1 249	90	1 226
$20,000 to $29,999	96	2 227	92	2 074
$30,000 to $49,999	79	2 763	63	2 288
$50,000 to $69,999	32	1 790	33	1 770
$70,000 to $99,999	27	2 094	35	2 748
$100,000 to $199,999	37	4 830	21	2 796
$200,000 to $499,999	18	(D)	15	4 502
$500,000 to $999,999	-	-	-	-
$1,000,000 or more	1	(D)		

[1]Data are in whole dollars.

Table 13. Selected Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	1987						1982		
	Total		Manufactured 1983 to 1987		Manufactured prior to 1983				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1978 to 1982
Motortrucks, including pickups	522	1 058	186	201	452	857	511	986	224
2 or 3	190	431	23	49	151	342	200	456	(D)
4 or more	68	363	3	12	51	285	50	269	(D)
Wheel tractors	460	1 012	82	109	413	903	391	793	165
2 or 3	205	472	9	20	186	425	164	369	60
4 or more	68	353	5	21	61	312	48	245	13
Less than 40 horsepower (PTO)	329	483	49	52	285	431	(NA)	(NA)	(NA)
40 horsepower (PTO) or more	284	529	40	57	264	472	(NA)	(NA)	(NA)
Grain and bean combines[1]	59	72	4	(D)	55	(D)	43	49	15
Cottonpickers and strippers	-	-	-	-	-	-	-	-	-
Mower conditioners	190	223	45	48	153	175	172	199	66
Pickup balers	209	262	43	(D)	178	(D)	192	232	86

[1]Data for 1982 include self-propelled only.

Table 14. Petroleum Products Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses ($1,000)		
Petroleum products — farms	540	(X)	559	361
$1,000	(X)	1 140	1 113	507
Average per farm — dollars	(X)	2 112	1 990	1 404
Gasoline and gasohol — farms	462	(X)	528	350
$1,000	(X)	409	517	245
Average per farm — dollars	(X)	884	979	700
Farms with expenses of—				
$1 to $499	276	56	277	224
$500 to $999	64	41	114	54
$1,000 to $1,999	58	74	66	44
$2,000 to $4,999	56	161	55	22
$5,000 to $9,999	6	(D)	12	6
$10,000 to $24,999	2	(D)	4	-
$25,000 or more	-	-		
Diesel fuel — farms	310	(X)	268	158
$1,000	(X)	387	275	97
Average per farm — dollars	(X)	1 248	1 026	614
Farms with expenses of—				
$1 to $499	159	28	142	99
$500 to $999	62	39	54	26
$1,000 to $1,999	36	47	33	22
$2,000 to $4,999	38	113	30	10
$5,000 to $9,999	8	56	6	1
$10,000 to $24,999	7	104	3	-
$25,000 or more	-	-		
Natural gas — farms	42	(X)	11	7
$1,000	(X)	213	(D)	43
Average per farm — dollars	(X)	5 073	(D)	6 143
Farms with expenses of—				
$1 to $99	12	(Z)	2	1
$100 to $499	14	5	4	2
$500 to $999	3	2	1	-
$1,000 to $1,999	3	(D)	-	1
$2,000 to $4,999	4	(D)	1	-
$5,000 to $9,999	1	(D)	3	3
$10,000 or more	5	(D)		
LP gas, fuel oil, kerosene, motor oil, grease, etc. — farms	363	(X)	(NA)	(NA)
$1,000	(X)	132	(D)	121
Average per farm — dollars	(X)	363	(NA)	(NA)
Farms with expenses of—				
$1 to $99	150	7	(NA)	(NA)
$100 to $499	158	34	(NA)	(NA)
$500 to $999	27	18	(NA)	(NA)
$1,000 to $1,999	16	21	(NA)	(NA)
$2,000 to $4,999	11	34	(NA)	(NA)
$5,000 to $9,999	3	18	(NA)	(NA)
$10,000 or more	-	-		

Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used — farms	370	359	259
Commercial fertilizer[1] — farms	338	351	256
acres on which used	30 853	25 698	19 645
$1,000	1 413	1 118	776
Lime — farms	35	23	16
acres on which used	318	(D)	190
tons	183	(D)	157
Farms by tons used:			
1 to 49 tons	35	22	16
50 to 99 tons	-	1	-
100 to 199 tons	-	-	-
200 to 499 tons	-	-	-
500 to 999 tons	-	-	-
1,000 tons or more	-	-	-
Agricultural chemicals[1] — farms	156	90	96
$1,000	166	45	68

Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used—Con.			
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops — farms	47	41	32
acres on which used	1 653	567	562
Nematodes in crops — farms	4	-	7
acres on which used	(D)	-	26
Diseases in crops and orchards — farms	12	16	5
acres on which used	(D)	79	31
Weeds, grass, or brush in crops and pasture — farms	92	80	55
acres on which used	5 683	4 432	5 051
Chemicals used for defoliation or for growth control of crops or thinning of fruit — farms	4	-	2
acres on which used	(D)	-	(D)

[1]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		All farms			Farms operated by Black and other races[1]		
		1987	1982	1978	1987	1982	1978
Tenure of operator:							
All operators	farms	574	570	383	6	6	3
	acres	1 026 732	1 323 953	1 286 463	(D)	128 776	128 714
Harvested cropland	farms	397	395	303	2	2	2
	acres	28 949	25 694	20 538	(D)	(D)	(D)
Full owners	farms	389	383	205	4	4	1
	acres	282 899	252 901	29 830	(D)	(D)	(D)
Harvested cropland	farms	255	260	166	1	2	1
	acres	14 970	14 023	5 627	(D)	(D)	(D)
Part owners	farms	131	132	121	-	1	2
	acres	384 915	662 991	741 666	-	(D)	(D)
Harvested cropland	farms	112	108	105	-	-	1
	acres	12 167	9 582	12 878	-	-	(D)
Tenants	farms	54	55	57	2	1	-
	acres	358 918	408 081	514 967	(D)	(D)	-
Harvested cropland	farms	30	27	32	1	-	-
	acres	1 812	2 089	2 033	(D)	-	-
Percent of tenancy	percent	9.4	9.6	14.9	33.3	16.7	-
Operators by place of residence:							
On farm operated		424	404	319	1	4	3
Not on farm operated		94	91	57	3	-	-
Not reported		56	75	7	2	2	-
Operators by principal occupation:							
Farming		248	231	150	3	2	-
Other		326	339	233	3	4	3
Operators by days of work off farm:							
None		173	132	103	1	1	-
Any		369	397	276	5	5	3
1 to 49 days		58	48	39	-	-	-
50 to 99 days		30	24	25	2	-	-
100 to 149 days		29	41	19	-	-	-
150 to 199 days		70	84	66	1	2	-
200 days or more		182	200	127	2	3	3
Not reported		32	41	4	-	-	-
Operators by years on present farm:							
2 years or less		35	41	(NA)	1	1	(NA)
3 or 4 years		55	97	(NA)	-	2	(NA)
5 to 9 years		140	138	(NA)	3	-	(NA)
10 years or more		226	176	(NA)	1	1	(NA)
Average years on present farm		12.9	11.2	(NA)	(D)	7.3	(NA)
Not reported		118	118	(NA)		2	(NA)
Operators by age group:							
Under 25 years		4	6	8	-	-	-
25 to 34 years		53	94	59	2	1	-
35 to 44 years		169	177	94	-	1	2
45 to 49 years		94			1		
50 to 54 years		64	154	118	-	3	-
55 to 59 years		72			3		
60 to 64 years		51	109	74	-	1	1
65 to 69 years		42			-		
70 years and over		25	30	30	-	-	-
Average age		48.9	45.8	46.8	(D)	45.0	45.7
Operators by sex:							
Male	farms	500	499	355	5	6	3
	acres	1 006 984	1 184 786	1 127 624	(D)	128 776	128 714
Female	farms	74	71	28	1	-	-
	acres	19 748	139 167	158 839	(D)	-	-
Operators of Spanish origin (see text)	farms	5	5	2	1	2	-
	acres	5 989	5 792	(D)	(D)	(D)	-
Operators not of Spanish origin	farms	401	(NA)	(NA)	4	(NA)	(NA)
Spanish origin not reported	farms	168	(NA)	(NA)	1	(NA)	(NA)
Type of organization:							
Individual or family (sole proprietorship)	farms	478	489	327	2	5	2
	acres	670 528	909 619	892 576	(D)	(D)	(D)
Partnership	farms	52	42	29	-	-	-
	acres	143 647	127 573	105 501	-	-	-
Corporation	farms	29	29	15	4	1	1
	acres	167 299	244 890	239 703	(D)	(D)	(D)
Family held:							
More than 10 stockholders	farms	1	-	2	-	-	1
	acres	(D)	-	(D)	-	-	(D)
10 or less stockholders	farms	17	19	9	1	-	-
	acres	(D)	114 795	(D)	(D)	-	-
Other than family held:							
More than 10 stockholders	farms	2	3	1	1	1	-
	acres	(D)	128 691	(D)	(D)	(D)	-
10 or less stockholders	farms	9	7	3	2	-	-
	acres	(D)	1 404	(D)	(D)	-	-
Other—cooperative, estate or trust, institutional, etc.	farms	15	10	12	-	-	-
	acres	45 258	41 871	48 683	-	-	-

[1]For classification of social and ethnic groups, see text.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Female operators	Operators of Spanish origin[1]	Farms operated by Black and other races				
				Total	Black	American Indian	Asian	Other (see text)
FARMS AND LAND IN FARMS								
Farms	number, 1987	74	5	6	-	4	-	2
	1982	71	5	6	-	4	-	2
Land in farms	acres, 1987	19 748	5 969	(D)	-	128 997	-	(D)
	1982	139 167	5 792	128 776	-	(D)	-	(D)
Harvested cropland	farms, 1987	38	5	2	-	1	-	1
	1982	35	4	2	-	1	-	1
	acres, 1987	649	294	(D)	-	(D)	-	(D)
	1982	694	(D)	(D)	-	(D)	-	(D)
1987 FARMS BY SIZE								
1 to 9 acres		26	-	2	-	1	-	1
10 to 49 acres		19	-	-	-	-	-	-
50 to 139 acres		20	3	1	-	1	-	1
140 to 219 acres		3	-	1	-	1	-	-
220 to 499 acres		2	1	1	-	1	-	-
500 acres or more		4	1	1	-	1	-	-
1987 OWNED AND RENTED LAND IN FARMS								
Owned land in farms	farms	66	4	4	-	2	-	2
	acres	11 766	329	(D)	-	(D)	-	(D)
Rented or leased land in farms	farms	18	3	2	-	2	-	-
	acres	7 982	5 640	(D)	-	(D)	-	-
TENURE OF OPERATOR								
Full owners	farms, 1987	56	2	4	-	2	-	2
	1982	53	2	4	-	2	-	2
	acres, 1987	11 274	(D)	(D)	-	(D)	-	(D)
	1982	3 354	(D)	(D)	-	(D)	-	(D)
Part owners	farms, 1987	10	2	-	-	-	-	-
	1982	15	2	1	-	1	-	-
	acres, 1987	7 724	(D)	-	-	-	-	-
	1982	135 789	(D)	(D)	-	(D)	-	-
Tenants	farms, 1987	8	1	2	-	2	-	-
	1982	3	1	1	-	1	-	-
	acres, 1987	750	(D)	(D)	-	(D)	-	-
	1982	24	(D)	(D)	-	(D)	-	-
1987 FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)		67	5	2	-	1	-	1
Partnership		3	-	-	-	-	-	-
Family held corporation		1	-	1	-	1	-	-
Other than family held corporation		-	-	3	-	2	-	1
Other—cooperative, estate or trust, institutional, etc.		3	-	-	-	-	-	-
1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales	farms	74	5	6	-	4	-	2
	$1,000	821	(D)	267	-	(D)	-	(D)
Crops, including nursery and greenhouse crops	farms	28	3	2	-	1	-	1
	$1,000	293	14	(D)	-	(D)	-	(D)
Livestock, poultry, and their products	farms	49	4	3	-	2	-	1
	$1,000	528	(D)	(D)	-	(D)	-	(D)
Farms by value of sales:								
Less than $2,500		34	2	1	-	1	-	-
$2,500 to $9,999		27	1	2	-	2	-	-
$10,000 to $19,999		6	2	1	-	-	-	1
$20,000 to $24,999		2	-	-	-	-	-	-
$25,000 or more		5	-	2	-	1	-	1
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		-	-	-	-	-	-	-
Field crops, except cash grains (013)		10	2	2	-	1	-	1
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		10	2	2	-	1	-	1
Vegetables and melons (016)		2	-	-	-	-	-	-
Fruits and tree nuts (017)		-	-	-	-	-	-	-
Horticultural specialties (018)		12	-	-	-	-	-	-
General farms, primarily crop (019)		2	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)		13	2	2	-	2	-	-
Beef cattle, except feedlots (0212)		6	2	-	-	-	-	-
Dairy farms (024)		3	-	-	-	-	-	-
Poultry and eggs (025)		5	1	-	-	-	-	1
Animal specialties (027)		27	-	1	-	-	-	-
General farms, primarily livestock and animal specialties (029)		-	-	1	-	1	-	-

See footnotes at end of table.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin[1]	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	64	3	1	-	1	-	-
Not on farm operated	7	1	3	-	1	-	2
Not reported	3	1	2	-	2	-	-
Operators by principal occupation:							
Farming	37	1	3	-	3	-	-
Other	37	4	3	-	1	-	2
Operators by days of work off farm:							
None	31	1	1	-	1	-	-
Any	59	6	5	-	5	-	2
1 to 99 days	8	1	2	-	1	-	1
100 to 199 days	30	3	1	-	2	-	1
200 days or more	21	2	2	-	2	-	-
Not reported	5	-	-	-	-	-	-
Operators by years on present farm:							
2 years or less	3	-	1	-	-	-	1
3 or 4 years	11	-	-	-	-	-	-
5 to 9 years	17	2	3	-	2	-	1
10 years or more	32	2	1	-	1	-	-
Average years on present farm	11.6	12.5	(D)	-	11.0	-	(D)
Not reported	11	1	1	-	1	-	-
Operators by age group:							
Under 25 years	2	-	-	-	-	-	-
25 to 34 years	14	1	2	-	2	-	-
35 to 44 years	25	1	-	-	-	-	-
45 to 54 years	16	1	1	-	1	-	-
55 to 59 years	9	2	3	-	1	-	2
60 to 64 years	4	-	-	-	-	-	-
65 to 69 years	2	-	-	-	-	-	-
70 years and over	2	-	-	-	-	-	-
Average age	44.6	(D)	(D)	-	42.3	-	(D)
Operators by sex:							
Male	(X)	4	5	-	3	-	2
Female	74	1	1	-	1	-	-
Operators of Spanish origin[1]	1	5	1	-	-	-	1
1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS							
Amount received from Commodity Credit Corporation loans — farms	-	-	-	-	-	-	-
Amount received from Commodity Credit Corporation loans — $1,000	-	-	-	-	-	-	-
Government payments received — farms	1	1	-	-	-	-	-
Government payments received — $1,000	(D)	(D)	-	-	-	-	-

[1]See chapter 1, table 16 for operators not of or not reporting Spanish origin.

Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets[1], average per farm (dollars)		Market value of agricultural products sold ($1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse crops	Livestock, poultry, and their products
Total	**574**	**1 026 732**	**28 949**	**553 000**	**38 901**	**17 972**	**10 768**	7 204
Crops (01)	319	102 089	21 554	416 345	46 392	10 807	10 573	233
Cash grains (011)	18	36 516	5 636	1 711 563	123 813	726	689	36
Wheat (0111)	-	-	-	-	-	-	-	-
Rice (0112)	-	-	-	-	-	-	-	-
Corn (0115)	-	-	-	-	-	-	-	-
Soybeans (0116)	-	-	-	-	-	-	-	-
Cash grains, n.e.c. (0119)	16	36 516	5 636	1 711 563	123 813	726	689	36
Field crops, except cash grains (013)	187	55 034	13 464	390 578	48 268	3 886	(D)	(D)
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133)	-	-	-	-	-	-	-	-
Irish potatoes (0134)	28	(D)	1 415	582 679	69 996	1 608	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	159	(D)	12 049	356 748	44 442	2 278	2 125	152
Vegetables and melons (016)	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fruits and tree nuts (017)	2	(D)	(D)	(D)	(D)	(D)	(D)	-
Berry crops (0171)	2	(D)	(D)	(D)	(D)	(D)	(D)	-
Grapes (0172)	-	-	-	-	-	-	-	-
Tree nuts (0173)	-	-	-	-	-	-	-	-
Citrus fruits (0174)	-	-	-	-	-	-	-	-
Deciduous tree fruits (0175)	-	-	-	-	-	-	-	-
Fruits and tree nuts, n.e.c. (0179)	-	-	-	-	-	-	-	-
Horticultural specialties (018)	57	2 729	288	337 211	34 739	5 555	(D)	(D)
Ornamental floriculture and nursery products (0181)	51	2 517	238	355 569	36 706	5 410	5 404	6
Food crops grown under cover (0182)	6	212	50	181 167	18 025	145	(D)	(D)
General farms, primarily crop (019)	41	6 602	1 817	251 512	31 320	(D)	154	(D)
Livestock and animal specialties (02)	255	924 643	7 395	723 953	29 580	7 165	194	6 971
Livestock, except dairy, poultry, and animal specialties (021)	108	738 735	2 829	1 072 783	30 216	1 106	82	1 024
Beef cattle feedlots (0211)	19	27 362	742	370 947	35 574	213	41	172
Beef cattle, except feedlots (0212)	58	423 502	1 794	1 261 431	33 750	602	(D)	(D)
Hogs (0213)	13	3 592	44	245 154	17 253	90	(D)	(D)
Sheep and goats (0214)	10	280 842	21	2 819 600	16 370	181	-	181
General livestock, except dairy, poultry, and animal specialties (0219)	6	1 437	228	353 500	30 250	20	(D)	(D)
Dairy farms (024)	18	56 272	4 078	669 389	129 931	5 177	92	5 086
Poultry and eggs (025)	15	1 013	(D)	169 267	13 241	(D)	(D)	(D)
Broiler, fryer, and roaster chickens (0251)	-	-	-	-	-	-	-	-
Chicken eggs (0252)	10	668	(D)	201 600	15 901	336	(D)	(D)
Turkeys and turkey eggs (0253)	-	-	-	-	-	-	-	-
Poultry hatcheries (0254)	-	-	-	-	-	-	-	-
Poultry and eggs, n.e.c. (0259)	5	345	(D)	104 600	7 920	(D)	(D)	(D)
Animal specialties (027)	101	81 643	(D)	304 020	(D)	512	12	500
Fur-bearing animals and rabbits (0271)	4	57	(D)	(D)	(D)	(D)	-	(D)
Horses and other equines (0272)	83	75 375	156	265 614	14 779	(D)	(D)	215
Animal aquaculture (0273)	2	(D)	-	(D)	(D)	(D)	-	(D)
Animal specialties, n.e.c. (0279)	12	(D)	(D)	706 500	24 635	132	(D)	(D)
General farms, primarily livestock and animal specialties (029)	15	48 980	(D)	1 706 600	(D)	(D)	(D)	(D)

[1]Data are based on a sample of farms.

Table 19. Selected Characteristics of Abnormal Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		1987	1982
Farms	number	6	-
Land in farms	acres	(D)	-
Average size of farm	acres	(D)	-
Value of land and buildings[1]	$1,000	1 289	-
Average per farm	dollars	214 833	-
Average per acre	dollars	358	-
Estimated market value of all machinery and equipment[1]	$1,000	(D)	-
Land in farms according to use:			
Total cropland	farms	5	-
	acres	829	-
Harvested cropland	farms	5	-
	acres	487	-
Cropland used only for pasture or grazing	farms	2	-
	acres	(D)	-
Other cropland	farms	3	(NA)
	acres	(D)	-
Total woodland	farms	4	-
	acres	1 931	-
Woodland pastured	farms	1	-
	acres	(D)	-
Woodland not pastured	farms	4	-
	acres	(D)	-
Pastureland and rangeland other than cropland and woodland pastured	farms	1	-
	acres	(D)	-
Land in house lots, ponds, roads, wasteland, etc.	farms	4	-
	acres	(D)	-
Irrigated land	farms	4	-
	acres	55	(D)

Characteristics		1987	1982
Market value of agricultural products sold	$1,000	(D)	-
Average per farm	dollars	(D)	-
Crops, including nursery and greenhouse crops	$1,000	(D)	-
Livestock, poultry, and their products	$1,000	205	-
Total farm production expenses[1]	$1,000	(D)	(NA)
Average per farm	dollars	(D)	(NA)
Tenure of operator:			
Full owners		4	-
Part owners		2	-
Tenants		-	-
Abnormal farms by standard industrial classification:			
Cash grains (011)		-	-
Field crops, except cash grains (013)		3	-
Cotton (0131)		-	-
Tobacco (0132)		-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		3	-
Vegetables and melons (016)		-	-
Fruits and tree nuts (017)		-	-
Horticultural specialties (018)		-	-
General farms, primarily crop (019)		1	-
Livestock, except dairy, poultry, and animal specialties (021)		1	-
Beef cattle, except feedlots (0212)		1	-
Dairy farms (024)		1	-
Poultry and eggs (025)		-	-
Animal specialties (027)		-	-
General farms, primarily livestock and animal specialties (029)		-	-

[1]Data are based on a sample of farms.

Table 20. Livestock and Poultry—Inventory and Sales: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory			Sales		
		Farms	Number	Value[1] ($1,000)	Farms	Number	Value ($1,000)
Livestock and poultry	1987	360	(X)	7 482	261	(X)	7 204
	1982	420	(X)	7 251	326	(X)	5 389
	1978	262	(X)	4 329	206	(X)	3 564
Poultry	1987	106	(X)	13	58	(X)	(D)
	1982	141	(X)	405	98	(X)	(D)
	1978	103	(X)	142	69	(X)	374
Livestock	1987	342	(X)	7 469	243	(X)	(D)
	1982	398	(X)	6 847	292	(X)	(D)
	1978	248	(X)	4 187	184	(X)	3 190
Any cattle, hogs, or sheep	1987	190	(X)	6 539	159	(X)	1 468
	1982	257	(X)	5 836	201	(X)	1 612
	1978	171	(X)	3 989	128	(X)	528
Cattle and calves	1987	170	9 433	6 276	134	2 538	1 168
	1982	207	8 729	4 939	151	1 640	651
	1978	141	8 743	3 486	102	1 616	387
Cows and heifers that had calved	1987	142	4 912	3 754	(NA)	(NA)	(NA)
	1982	167	3 957	2 596	(NA)	(NA)	(NA)
	1978	117	4 103	1 908	(NA)	(NA)	(NA)
Beef cows	1987	112	3 199	2 143	(NA)	(NA)	(NA)
	1982	129	2 994	1 796	(NA)	(NA)	(NA)
	1978	80	2 773	1 137	(NA)	(NA)	(NA)
Milk cows	1987	50	1 713	1 610	(NA)	(NA)	(NA)
	1982	64	963	799	(NA)	(NA)	(NA)
	1978	59	1 330	771	(NA)	(NA)	(NA)
Hogs and pigs	1987	45	573	93	37	1 100	118
	1982	88	3 741	589	70	6 244	812
	1978	55	845	113	36	(D)	(D)
Feeder pigs sold	1987	(X)	(X)	(X)	10	(D)	14
	1982	(X)	(X)	(X)	28	574	32
	1978	(X)	(X)	(X)	14	(D)	(D)
Sheep and lambs[2]	1987	27	2 394	170	23	(D)	181
	1982	21	(D)	308	18	(D)	(D)
	1978	19	(D)	(D)	14	(D)	(D)
Horses and ponies	1987	229	1 861	931	72	219	243
	1982	235	2 528	1 011	93	248	246
	1978	159	1 319	198	58	166	134
Chickens 3 months old or older[3]	1987	82	2 385	10	16	(D)	(NA)
	1982	110	(D)	401	29	(D)	(NA)
	1978	89	33 012	138	32	3 304	(NA)
Hens and pullets of laying age	1987	81	2 173	10	15	(D)	(NA)
	1982	107	(D)	307	27	(D)	(NA)
	1978	87	(D)	(D)	30	3 161	(NA)
Broilers and other meat-type chickens	1987	21	1 327	1	12	4 141	(NA)
	1982	27	(D)	2	19	4 610	(NA)
	1978	23	2 326	2	13	1 419	(NA)
Turkeys	1987	19	195	1	11	266	(NA)
	1982	25	214	1	16	165	(NA)
	1978	12	226	1	6	214	(NA)

[1]Data are estimated; see text.
[2]Value of sales includes sheep, lambs, and wool sold.
[3]Sales for 1987 include pullets of less than 3 months old.

Table 21. Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
INVENTORY				
Chickens 3 months old or older	82	2 385	110	(D)
Farms with—				
1 to 3,199	82	2 385	108	4 711
3,200 to 9,999	-	-	-	-
10,000 or more	-	-	2	(D)
Hens and pullets of laying age	81	2 173	107	(D)
Farms with—				
1 to 99	78	1 848	92	2 662
100 to 399	3	325	13	1 797
400 to 3,199	-	-	-	-
3,200 to 9,999	-	-	-	-
10,000 to 19,999	-	-	-	-
20,000 to 49,999	-	-	2	(D)
50,000 to 99,999	-	-	-	-
100,000 or more	-	-	-	-
Broilers and other meat-type chickens	21	1 327	27	(D)
Turkeys	19	195	25	214
For slaughter	16	173	21	195
Hens kept for breeding	5	22	7	19
Ducks, geese, and other poultry	52	(X)	65	(X)

Item	1987		1982	
	Farms	Number	Farms	Number
SALES				
Hens and pullets[1]	16	(D)	29	(D)
Farms with—				
1 to 3,199	15	633	27	1 173
3,200 to 9,999	-	-	2	(D)
10,000 or more	1	(D)	-	-
Hens and pullets of laying age	15	(D)	27	(D)
Farms with—				
1 to 99	13	323	21	526
100 to 399	1	(D)	4	505
400 to 3,199	-	-	-	-
3,200 to 9,999	-	-	2	(D)
10,000 to 19,999	-	-	-	-
20,000 to 49,999	1	(D)	-	-
50,000 to 99,999	-	-	-	-
100,000 or more	-	-	-	-
Broilers and other meat-type chickens	12	4 141	19	4 610
Turkeys	11	266	16	165
For slaughter	11	266	16	165
Hens kept for breeding	-	-	-	-
Ducks, geese, and other poultry	17	(X)	19	(X)

[1]Sales for 1987 include pullets of less than 3 months old.

Table 22. **Broilers and Started Pullets—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Broilers and other meat-type chickens				Pullets not of laying age		Pullets 3 months old or older of laying age	
	1987		1982		1987		1982	
	Farms	Number	Farms	Number	Farms	Number	Farms	Numb
Total	**12**	**4 141**	**19**	**4 610**	**1**	**(D)**	**4**	**1**
Farms with—								
1 to 1,999	11	(D)	18	(D)	1	(D)	4	1
2,000 to 15,999	1	(D)	1	(D)	–	–	–	
16,000 to 29,999	–	–	–	–	–	–	–	
30,000 to 59,999	–	–	–	–	–	–	–	
60,000 to 99,999	–	–	–	–	–	–	–	
100,000 to 199,999	–	–	–	–	–	–	–	
200,000 to 499,999	–	–	–	–	–	–	–	
200,000 to 299,999	–	–	(NA)	(NA)	(NA)	(NA)	(NA)	(NA
300,000 to 499,999	–	–	(NA)	(NA)	(NA)	(NA)	(NA)	(NA
500,000 or more	–	–	–	–	–	–	–	

Table 23. **Poultry—Inventory and Sales by Size of Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	82	2 385	81	2 173	11	212	5	(D)	16	597
Farms with—										
1 to 99	79	2 060	78	1 848	11	212	5	(D)	15	(D)
100 to 399	3	325	3	325	–	–	–	–	1	(D)
400 to 1,599	–	–	–	–	–	–	–	–	–	–
1,600 to 3,199	–	–	–	–	–	–	–	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–	–	–
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	1	(D)	5	730

Chickens 3 months old or older	Sales									
	Hens and pullets						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total inventory	10	(D)	10	(D)	–	–	8	(D)	41	(D)
Farms with—										
1 to 99	10	(D)	10	(D)	–	–	7	3 205	38	20
100 to 399	–	–	–	–	–	–	1	(D)	3	(D)
400 to 1,599	–	–	–	–	–	–	–	–	–	–
1,600 to 3,199	–	–	–	–	–	–	–	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–	–	–
No inventory	6	(D)	5	(D)	1	(D)	4	(D)	17	331

Table 24. Turkeys—Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold	11	266	11	266	-	-
Farms with—						
1 to 1,999	11	266	11	266	-	-
2,000 to 7,999	-	-	-	-	-	-
8,000 to 15,999	-	-	-	-	-	-
16,000 to 29,999	-	-	-	-	-	-
30,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-

Table 25. Cattle and Calves—Inventory: 1987 and 1982

[For meaning of abbreviations and symbols, see introduction text]

Item	1987		1982	
	Farms	Number	Farms	Number
Cattle and calves	170	9 433	207	8 729
Farms with—				
1 to 9	71	289	95	361
10 to 19	29	395	43	604
20 to 49	30	855	32	854
50 to 99	10	638	13	(D)
100 to 199	13	(D)	10	(D)
200 to 499	16	(D)	13	(D)
500 to 999	1	(D)	1	(D)
1,000 to 2,499	-	-	-	-
2,500 or more	-	-	-	-
Cows and heifers that had calved	142	4 912	167	3 957
Farms with—				
1 to 9	82	313	106	395
10 to 19	14	179	21	255
20 to 49	15	451	15	431
50 to 99	10	(D)	12	853
100 to 199	17	2 194	12	(D)
200 to 499	4	(D)	1	(D)
500 to 999	-	-	-	-
1,000 or more	-	-	-	-
Beef cows	112	3 199	129	2 994
Farms with—				
1 to 9	65	262	79	320
10 to 19	14	(D)	19	230
20 to 49	12	371	15	430
50 to 99	7	414	6	(D)
100 to 199	13	1 718	9	(D)
200 to 499	1	(D)	1	(D)
500 to 999	-	-	-	-
1,000 or more	-	-	-	-
Milk cows	50	1 713	64	963
Farms with—				
1 to 4	34	50	52	(D)
5 to 9	2	(D)	1	(D)
10 to 29	2	(D)	2	(D)
30 to 49	1	(D)	-	-
50 to 99	5	417	6	(D)
100 to 199	3	346	3	432
200 to 499	3	820	-	-
500 or more	-	-	-	-
Heifers and heifer calves	122	2 429	148	2 594
Steers, steer calves, bulls, and bull calves	141	2 092	164	2 178

Table 26. **Cattle and Calves—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value ($1,000)	Farms	Number	Val ($1,00
Cattle and calves sold	134	2 538	1 168	151	1 640	65
Farms with—						
1 to 9	80	303	139	106	399	18
10 to 19	23	299	136	27	345	13
20 to 49	14	449	213	10	297	12
50 to 99	14	953	437	7	(D)	(D
100 to 199	2	(D)	(D)	1	(D)	(D
200 to 499	1	(D)	(D)	-	-	-
500 to 999	-	-	-	-	-	-
1,000 to 2,499	-	-	-	-	-	-
2,500 or more	-	-	-	-	-	-
Cattle sold	115	1 772	987	138	1 145	557
Farms with—						
1 to 9	74	292	153	107	384	(D)
10 to 19	20	265	124	18	229	111
20 to 49	12	(D)	(D)	9	302	148
50 to 99	7	(D)	(D)	4	230	(D)
100 to 199	1	(D)	(D)	-	-	-
200 to 499	1	(D)	(D)	-	-	-
500 to 999	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-
Cattle fattened on grain and concentrates sold	34	447	285	50	315	190
Farms with—						
1 to 9	27	91	51	40	127	78
10 to 19	3	40	23	8	(D)	(D)
20 to 49	1	(D)	(D)	2	(D)	(D)
50 to 99	2	(D)	(D)	-	-	-
100 to 199	1	(D)	(D)	-	-	-
200 to 499	-	-	-	-	-	-
500 to 999	-	-	-	-	-	-
1,000 to 2,499	-	-	-	-	-	-
2,500 or more	-	-	-	-	-	-
Calves sold	53	766	181	53	495	94
Farms with—						
1 to 9	37	119	28	41	132	24
10 to 19	4	49	7	5	63	12
20 to 49	7	222	56	4	102	6
50 to 99	4	(D)	(D)	3	198	53
100 to 199	1	(D)	(D)	-	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-

Table 27. **Cattle and Calves—Inventory and Sales by Size of Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total inventory	170	9 433	142	4 912	122	2 429	141	2 092	125	2 502	1 154
Farms with—											
1 to 9	71	289	51	124	37	66	53	99	27	97	45
10 to 19	29	395	25	164	23	96	28	135	29	194	84
20 to 49	30	855	28	414	25	186	27	255	30	394	196
50 to 99	10	638	9	381	9	167	7	90	9	257	104
100 to 199	13	(D)	12	988	12	(D)	11	361	13	564	291
200 to 499	16	(D)	16	(D)	15	(D)	14	(D)	16	(D)	(D)
500 to 999	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-	-	-	-
2,500 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	9	36	14

Table 28. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cows and heifers that had calved	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total inventory	142	9 058	142	4 912	107	2 309	114	1 837	109	2 219	989
Farms with—											
1 to 4	52	328	52	105	32	79	36	144	21	122	84
5 to 9	30	416	30	208	23	105	28	103	29	169	66
10 to 19	14	341	14	179	13	(D)	14	(D)	14	146	62
20 to 29	7	285	7	(D)	5	(D)	6	(D)	6	63	29
30 to 49	8	481	8	295	5	(D)	5	(D)	8	144	67
50 to 99	10	1 131	10	(D)	10	255	7	(D)	10	421	188
100 to 199	17	4 654	17	2 194	16	(D)	15	(D)	17	906	413
200 to 499	4	1 422	4	(D)	3	(D)	3	212	4	248	80
500 to 999	–	–	–	–	–	–	–	–	–	–	–
1,000 or more	–	–	–	–	–	–	–	–	–	–	–
No inventory	28	375	(X)	(X)	15	120	27	255	25	319	179

Table 29. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Beef cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	112	6 464	112	3 289	112	3 199	86	1 537	95	1 638
Farms with—										
1 to 4	37	268	37	82	37	77	25	63	28	123
5 to 9	28	392	28	196	28	185	21	96	26	100
10 to 19	14	341	14	188	14	(D)	12	67	13	86
20 to 29	5	223	5	109	5	109	4	68	5	46
30 to 49	7	(D)	7	(D)	7	262	4	74	5	82
50 to 99	7	795	7	479	7	414	7	135	5	181
100 to 199	13	(D)	13	(D)	13	1 718	12	(D)	12	(D)
200 to 499	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)
500 to 999	–	–	–	–	–	–	–	–	–	–
1,000 or more	–	–	–	–	–	–	–	–	–	–
No inventory	58	2 969	30	1 623	(X)	(X)	38	892	46	454

Beef cows	Cattle and calves sales										
	Total			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	90	1 554	713	78	1 177	604	25	232	145	30	377	109
Farms with—												
1 to 4	17	111	80	15	(D)	(D)	8	58	31	4	(D)	(D)
5 to 9	27	162	63	21	118	54	9	35	21	10	44	9
10 to 19	14	139	60	14	115	52	3	20	(D)	3	24	8
20 to 29	4	42	20	4	42	20	2	(D)	(D)	–	–	–
30 to 49	7	(D)	(D)	6	114	55	1	(D)	(D)	4	(D)	(D)
50 to 99	7	293	130	5	(D)	(D)	1	(D)	(D)	3	(D)	(D)
100 to 199	13	(D)	(D)	12	(D)	(D)	1	(D)	(D)	6	(D)	(D)
200 to 499	1	(D)	(D)	1	(D)	(D)	–	–	–	–	–	–
500 to 999	–	–	–	–	–	–	–	–	–	–	–	–
1,000 or more	–	–	–	–	–	–	–	–	–	–	–	–
No inventory	44	984	456	37	595	384	9	215	139	23	389	72

Table 30. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	50	3 633	50	2 169	50	1 713	36	994	36	470
Farms with—										
1 to 4	34	891	34	441	34	50	21	178	24	272
5 to 9	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)
10 to 19	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)
20 to 29	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)
30 to 49	1	(D)	1	(D)	1	(D)	1	(D)	-	-
50 to 99	5	752	5	482	5	417	5	240	4	30
100 to 199	3	(D)	3	(D)	3	346	3	451	2	(D)
200 to 499	3	1 022	3	820	3	820	2	(D)	2	(D)
500 or more	-	-	-	-	-	-	-	-	-	-
No inventory	120	5 800	92	2 743	(X)	(X)	88	1 435	105	1 622

Milk cows	Cattle and calves sales								Dairy product sales	
	Total			Cattle		Calves				
	Farms	Number	Value ($1,000)	Farms	Number	Farms	Number		Farms	Value ($1,000)
Total inventory	38	891	389	32	484	21	407		25	4 814
Farms with—										
1 to 4	22	186	109	18	165	10	21		10	19
5 to 9	2	(D)	(D)	2	(D)	1	(D)		1	(D)
10 to 19	1	(D)	(D)	1	(D)	-	-		1	(D)
20 to 29	1	(D)	(D)	1	(D)	-	-		1	(D)
30 to 49	1	(D)	(D)	1	(D)	1	(D)		1	(D)
50 to 99	5	230	74	3	42	5	188		5	1 021
100 to 199	3	(D)	(D)	3	(D)	2	(D)		3	(D)
200 to 499	3	240	75	3	(D)	2	(D)		3	2 510
500 or more	-	-	-	-	-	-	-		-	-
No inventory	96	1 647	779	83	1 288	32	359		-	-

Table 31. Cattle and Calves—Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	134	2 538	1 168	115	1 772	987	34	447	285	53	766	181
Farms with—												
1 to 4	51	127	62	38	90	51	13	28	19	19	37	11
5 to 9	29	176	77	28	158	74	11	49	25	6	18	3
10 to 19	23	299	136	23	246	120	6	54	30	9	53	16
20 to 49	14	449	213	11	269	169	1	(D)	(D)	9	180	45
50 to 99	14	953	437	12	(D)	(D)	2	(D)	(D)	8	(D)	(D)
100 to 199	2	(D)	(D)	2	(D)	(D)	1	(D)	(D)	1	(D)	(D)
200 to 499	1	(D)	(D)	1	(D)	(D)	-	-	-	1	(D)	(D)
500 to 999	-	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-

Table 32. Hogs and Pigs—Inventory: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Total hogs and pigs	45	573	88	3 741
Farms with—				
1 to 24	37	219	69	473
25 to 49	5	(D)	8	282
50 to 99	3	(D)	7	456
100 to 199	-	-	1	(D)
200 to 499	-	-	1	(D)
500 to 999	-	-	-	-
1,000 to 1,999	-	-	2	(D)
2,000 to 4,999	-	-	-	-
5,000 or more	-	-	-	-
Hogs and pigs used or to be used for breeding	23	144	56	644
Farms with—				
1 to 24	23	144	53	238
25 to 49	-	-	1	(D)
50 to 99	-	-	-	-
100 to 199	-	-	1	(D)
200 or more	-	-	1	(D)
Other hogs and pigs	40	429	81	3 097

Table 33. Hogs and Pigs—Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total hogs and pigs sold	37	1 100	118	70	6 244	812
Farms with—						
1 to 24	24	144	19	54	438	45
25 to 49	3	105	9	5	180	17
50 to 99	6	386	36	5	328	36
100 to 199	4	465	54	3	372	46
200 to 499	-	-	-	1	(D)	(D)
500 to 999	-	-	-	-	-	-
1,000 to 1,999	-	-	-	1	(D)	(D)
2,000 to 4,999	-	-	-	1	(D)	(D)
5,000 or more	-	-	-	-	-	-
Feeder pigs sold	10	(D)	14	28	574	32
Farms with—						
1 to 9	2	(D)	(D)	12	53	3
10 to 49	6	(D)	(D)	13	242	13
50 to 99	2	(D)	(D)	2	(D)	(D)
100 to 199	-	-	-	1	(D)	(D)
200 to 499	-	-	-	-	-	-
500 to 999	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-
Other hogs and pigs sold	33	(D)	104	59	5 670	780
Farms with—						
1 to 24	23	148	21	(NA)	(NA)	(NA)
25 to 49	2	(D)	(D)	(NA)	(NA)	(NA)
50 to 99	5	284	30	(NA)	(NA)	(NA)
100 to 199	3	(D)	(D)	(NA)	(NA)	(NA)
200 to 499	-	-	-	(NA)	(NA)	(NA)
500 to 999	-	-	-	(NA)	(NA)	(NA)
1,000 to 1,999	-	-	-	(NA)	(NA)	(NA)
2,000 to 4,999	-	-	-	(NA)	(NA)	(NA)
5,000 or more	-	-	-	(NA)	(NA)	(NA)

Table 34. Hogs and Pigs—Litters Farrowed: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Litters	1987		1982	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30	25	170	55	857
Farms with—				
1 to 9	17	56	47	130
10 to 19	8	114	5	80
20 to 49	-	-	-	-
50 to 99	-	-	1	(D)
100 to 199	-	-	1	(D)
200 to 499	-	-	1	(D)
500 or more	-	-	-	-
Dec. 1 of preceding year and May 31	24	103	48	460
June 1 and Nov. 30	17	67	37	397

Table 35. Hogs and Pigs—Inventory and Sales by Size of Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	45	573	23	144	40	429	32	962	109	9	166	10
Farms with—												
1 to 9	30	107	11	40	25	67	17	228	26	4	(D)	(D)
10 to 24	7	112	5	41	7	71	7	137	13	2	(D)	(D)
25 to 99	8	354	7	63	8	291	8	597	70	3	41	2
100 to 199	-	-	-	-	-	-	-	-	-	-	-	-
200 to 499	-	-	-	-	-	-	-	-	-	-	-	-
500 to 999	-	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	5	138	9	1	(D)	(D)

Table 36. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	32	541	21	(D)	28	(D)	37	1 100	118	10	(D)	14
Farms with—												
1 to 9	15	99	6	24	14	75	19	71	12	1	(D)	(D)
10 to 49	8	114	6	21	7	93	8	178	16	5	62	3
50 to 99	6	171	6	67	4	104	6	386	36	3	(D)	(D)
100 to 199	3	157	3	(D)	3	(D)	4	465	54	1	(D)	(D)
200 to 499	-	-	-	-	-	-	-	-	-	-	-	-
500 to 999	-	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
None sold	13	32	2	(D)	12	(D)	(X)	(X)	(X)	(X)	(X)	(X)

Table 37. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1987

[For meaning of abbreviations and symbols, see introductory text]

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total litters farrowed	24	495	23	144	19	351	23	1 037	108	10	(D)	14
Farms with—												
1	5	35	5	20	5	15	4	19	2	2	(D)	(D)
2 to 4	8	107	7	(D)	6	(D)	7	102	11	3	(D)	(D)
5 to 9	4	42	4	(D)	1	(D)	4	177	18	1	(D)	(D)
10 to 19	7	311	7	78	7	233	8	739	78	4	197	11
20 to 49	-	-	-	-	-	-	-	-	-	-	-	-
50 to 99	-	-	-	-	-	-	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-	-	-	-	-	-	-
200 or more	-	-	-	-	-	-	-	-	-	-	-	-
No litters farrowed	21	78	-	-	21	78	14	63	10	-	-	-

Litters farrowed	Litters farrowed between Dec. 1, 1986, and Nov. 30, 1987					
	Total		Dec. 1, 1986, and May 31, 1987		June 1, 1987, and Nov. 30, 1987	
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	25	170	24	103	17	67
Farms with—						
1	5	5	4	(D)	1	(D)
2 to 4	8	23	8	(D)	5	(D)
5 to 9	4	28	4	16	4	12
10 to 19	8	114	8	67	7	47
20 to 49	-	-	-	-	-	-
50 to 99	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-
200 or more	-	-	-	-	-	-

Table 38. Sheep and Lambs—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Sheep and lambs inventory	27	2 394	21	(D)
Farms with—				
1 to 24	16	102	16	119
25 to 99	9	(D)	3	108
100 to 299	-	-	-	-
300 to 999	1	(D)	1	(D)
1,000 to 2,499	1	(D)	1	(D)
2,500 or more	-	-	-	-
Ewes 1 year old or older	21	1 405	19	(D)
Sheep and lambs shorn	21	3 551	16	(D)
Pounds of wool	(X)	33 612	(X)	(D)
Sheep and lambs sold	23	(D)	18	(D)
Value of sales from sheep, lambs, and wool ($1,000)	25	181	20	(D)

Table 39. Sheep and Lambs—Inventory and Sales by Size of Flock: 1987

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	27	2 394	21	1 405	21	3 551	33 612	22	(D)	24	(D)
Farms with—											
1 to 24	16	102	10	41	11	71	519	11	47	13	7
25 to 99	9	(D)	9	(D)	8	(D)	(D)	9	119	9	(D)
100 to 299	-	-	-	-	-	-	-	-	-	-	-
300 to 999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
1,000 to 2,499	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	-	-	-	1	(D)	1	(D)

Table 40. Sheep and Lambs--Inventory and Sales by Size of Ewe Flock: 1987

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	21	2 376	21	1 405	19	(D)	(D)	18	(D)	20	(D)
Farms with—											
1 to 24	14	263	14	102	12	(D)	1 188	11	106	13	13
25 to 99	5	(D)	5	(D)	5	(D)	(D)	5	55	5	(D)
100 to 199	-	-	-	-	-	-	-	-	-	-	-
200 to 499	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
500 to 999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-	-	-	-
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	6	18	(X)	(X)	2	(D)	(D)	5	(D)	5	(D)

Table 41. Other Livestock and Livestock Products—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory		Sales	
		1987	1982	1987	1982
Horses and ponies	farms	229	235	72	93
	number	1 861	2 528	219	248
	$1,000	(X)	(X)	243	246
Mules, burros, and donkeys	farms	12	9	2	2
	number	20	15	(D)	(D)
	$1,000	(X)	(X)	(D)	(D)
Colonies of bees	farms	5	19	1	-
	number	17	83	(D)	-
Honey sold	farms	(X)	(X)	3	7
	pounds	(X)	(X)	(D)	3 152
Bees and honey sold	farms	(X)	(X)	3	(NA)
	$1,000	(X)	(X)	(D)	6
Goats	farms	30	48	13	17
	number	211	285	70	108
Angora goats	farms	2	-	2	-
	number	(D)	-	(D)	-
Mohair sold	farms	(X)	(X)	2	-
	pounds	(X)	(X)	(D)	-
Angora goats and mohair sold	farms	(X)	(X)	3	(NA)
	$1,000	(X)	(X)	(D)	-
Milk goats	farms	16	44	5	12
	number	(D)	211	16	49
Goats milk sold	farms	(X)	(X)	5	9
	gallons	(X)	(X)	969	2 010
Milk goats and goats milk sold	farms	(X)	(X)	7	(NA)
	$1,000	(X)	(X)	4	9
Other goats	farms	21	9	7	6
	number	(D)	74	(D)	59
	$1,000	(X)	(X)	(D)	5
Mink and their pelts	farms	1	-	1	-
	number	(D)	-	(D)	-
	$1,000	(X)	(X)	(D)	-
Rabbits and their pelts	farms	29	19	17	11
	number	574	403	1 310	723
	$1,000	(X)	(X)	8	6
Fish and other aquaculture products sold	farms	(X)	(X)	3	-
	$1,000	(X)	(X)	(D)	-
Other livestock and livestock products	farms	20	(NA)	13	(NA)
	$1,000	(X)	(X)	136	(D)

Table 42. Crops Harvested and Value of Production: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987				1982			
	Farms	Acres	Quantity	Value of production[1] ($1,000)	Farms	Acres	Quantity	Value of production[1] ($1,000)
Harvested cropland	397	28 949	(X)	12 846	395	25 694	(X)	7 815
Corn for grain or seed (bushels)	-	-	-	-	-	-	-	-
Corn for silage or green chop or cut for dry fodder, hogged or grazed	-	-	(X)	-	-	-	(X)	-
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	-
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	-	-	(X)	-	-	-	(X)	-
Wheat for grain (bushels)	6	(D)	(D)	4	7	97	2 802	9
Barley for grain (bushels)	35	5 666	233 417	659	45	6 950	227 820	866
Oats for grain (bushels)	21	749	44 463	104	25	792	29 556	81
Rye for grain (bushels)	-	-	-	-	-	-	-	-
Rice (cwt)	-	-	-	-	-	-	-	-
Flaxseed (bushels)	-	-	-	-	-	-	-	-
Sunflower seed (pounds)	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	54	743	145 635	2 155	54	511	82 259	617
Sweetpotatoes (bushels)	-	-	-	-	-	-	-	-
Pineapples harvested (tons)	-	-	-	-	-	-	-	-
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	290	21 254	28 615	3 524	307	17 248	19 726	2 464
Vegetables harvested for sale (see text)	46	347	(X)	780	41	246	(X)	649
Land in orchards	-	-	(X)	-	-	-	(X)	-
Berries harvested for sale	17	(D)	(X)	5	16	8	(X)	6
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	75	96	(X)	5 549	66	50	(X)	3 033
Other crops	18	521	(X)	66	(NA)	(NA)	(X)	89

[1]Data are estimated; see text.

Table 43. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	-	-	-	-	-	-	-	-	-	-
Corn for silage or green chop (tons, green)	-	-	-	-	-	-	-	-	-	-
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	-	-	-
Wheat for grain (bushels)	-	-	-	1	(D)	(D)	(D)	5	(D)	(D)
Oats for grain (bushels)	-	-	-	-	-	-	-	21	749	59.4
Barley for grain (bushels)	3	(D)	(D)	1	(D)	(D)	(D)	31	(D)	(D)
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	-	-	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	14	(D)	(D)	2	(D)	(D)	(D)	38	(D)	(D)
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry)	-	-	-	-	-	-	-	-	-	-
Small grain hay (tons, dry)	-	-	-	-	-	-	-	52	2 033	1.0
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	2	(D)	(D)	4	770	(D)	(D)	234	13 128	1.2
Wild hay (tons, dry)	-	-	-	-	-	-	-	43	1 407	.9
Grass silage, haylage, and green chop hay (tons, green)	1	(D)	(D)	-	-	-	-	21	(D)	(D)
Alfalfa seed (pounds)	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	23	(D)	(X)	2	(D)	(D)	(X)	21	(D)	(X)
Land in orchards	-	-	(X)	-	-	-	(X)	-	-	(X)
Strawberries harvested for sale (pounds)	6	4	2 025.1	-	-	-	-	10	2	1 302.4

Table 44. **Specified Crops by Acres Harvested: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Barley for grain (bushels)	35	5 666	235 417	4	86	45	6 950	227 820	-	-
1 to 14 acres	9	69	2 910	2	(D)	16	99	3 509	-	-
15 to 24 acres	4	73	2 170	1	(D)	3	60	1 545	-	-
25 to 49 acres	3	98	3 120	-	-	7	214	5 320	-	-
50 to 99 acres	6	370	14 073	-	-	8	350	11 346	-	-
100 to 249 acres	6	960	42 279	1	(D)	5	(D)	(D)	-	-
250 to 499 acres	3	1 290	51 600	-	-	1	(D)	(D)	-	-
500 to 999 acres	3	(D)	(D)	-	-	6	3 700	101 600	-	-
1,000 acres or more	1	(D)	(D)	-	-	1	(D)	(D)	-	-
1,000 to 1,999 acres	1	(X)	(X)	-	(X)	1	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	(X)					
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
5,000 acres or more	-	(X)	(X)	-	(X)					
Oats for grain (bushels)	21	749	44 463	-	-	25	792	29 556	-	-
Irish potatoes (cwt)	54	743	145 635	16	238	54	511	82 259	9	114
0.1 to 0.9 acres	16	5	727	6	(D)	20	8	1 217	4	(D)
1.0 to 4.9 acres	13	29	3 530	3	(D)	17	43	4 698	2	(D)
5.0 to 14.9 acres	9	75	11 508	2	(D)	9	90	17 764	-	-
15.0 to 24.9 acres	6	117	13 850	1	(D)	-	-	-	-	-
25.0 to 49.9 acres	7	237	47 820	3	(D)	5	175	33 830	3	110
50.0 to 99.9 acres	1	(D)	(D)	-	-	3	195	24 750	-	-
100.0 to 249.9 acres	2	(D)	(D)	1	(D)	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	290	21 254	28 615	6	898	307	17 248	19 726	4	583
1 to 14 acres	72	(D)	(D)	1	(D)	85	592	743	1	(D)
15 to 24 acres	45	(D)	(D)	1	(D)	55	1 021	1 183	2	(D)
25 to 49 acres	65	2 288	2 680	-	-	64	2 186	2 379	-	-
50 to 99 acres	47	3 052	3 879	1	(D)	56	3 499	3 764	-	-
100 to 249 acres	43	(D)	(D)	1	(D)	35	5 003	4 447	-	-
250 to 499 acres	10	(D)	(D)	-	-	9	2 672	2 602	-	-
500 to 999 acres	8	(D)	(D)	2	(D)	2	(D)	(D)	1	(D)
1,000 acres or more	-	-	-	-	-	1	(D)	(D)	-	-
1,000 to 1,999 acres	-	(X)	(X)	-	(X)	1	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	(X)					
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
5,000 acres or more	-	(X)	(X)	-	(X)					
Small grain hay (tons, dry)	52	2 033	2 102	-	-	63	1 871	2 417	1	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	238	(D)	(D)	6	(D)	249	12 903	14 087	4	(D)
Wild hay (tons, dry)	43	1 407	1 270	-	-	41	1 090	828	1	(D)
Grass silage, haylage, and green chop hay (tons, green)	22	(D)	(D)	1	(D)	18	1 384	7 182	1	(D)
Vegetables harvested for sale (see text)	46	347	(X)	25	268	41	246	(X)	20	175
0.1 to 0.9 acres	11	4	(X)	6	2	14	7	(X)	8	4
1.0 to 4.9 acres	21	49	(X)	8	13	15	32	(X)	4	9
5.0 to 14.9 acres	4	27	(X)	3	(D)	5	37	(X)	2	(D)
15.0 to 24.9 acres	5	101	(X)	3	(D)	5	(D)	(X)	4	70
25.0 to 49.9 acres	5	166	(X)	5	165	1	(D)	(X)	1	(D)
50.0 to 99.9 acres	-	-	(X)	-	-	1	(D)	(X)	1	(D)
100.0 to 249.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
250.0 to 499.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
500.0 to 749.9 acres	-	-	(X)	-	-					
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	-	-	(X)	-	-					
1,000.0 to 1,999.9 acres	-	(X)	(X)	-	(X)					
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
3,000.0 acres or more	-	(X)	(X)	-	(X)					
Lettuce and romaine	18	136	(X)	9	117	21	136	(X)	10	109

Table 45. **Specified Fruits and Nuts by Acres: 1987 and 1982**

[Not published for this State]

Table 46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop		Under glass or other protection		In the open		Sales	
		Farms	Square feet	Farms	Acres	Farms	Value ($1,000)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	1987	64	943 236	25	74	75	5 549
	1982	60	482 730	12	39	66	3 033
1987 value of sales:							
$1 to $2,499 sales		18	29 074	8	19	23	26
$2,500 to $9,999 sales		16	41 772	4	1	17	108
$10,000 to $39,999 sales		12	(D)	7	43	16	292
$40,000 to $99,999 sales		10	163 458	2	(D)	10	640
$100,000 to $199,999 sales		3	(D)	2	(D)	3	418
$200,000 to $499,999 sales		2	(D)	2	(D)	3	764
$500,000 sales or more		3	510 000	-	-	3	3 300
Bedding plants	1987	48	719 805	2	(D)	48	4 314
	1982	35	318 223	2	(D)	35	1 931
Foliage and potted flowering plants, total	1987	19	97 692	1	(D)	19	450
	1982	9	53 800	1	(D)	10	(D)
Foliage plants	1987	5	24 200	-	-	5	172
Potted flowering plants	1987	17	73 492	1	(D)	17	277
Nursery crops	1987	3	9 300	17	66	19	430
	1982	5	16 190	9	35	13	142
Greenhouse vegetables	1987	19	72 231	(X)	(X)	19	129
	1982	21	79 856	(X)	(X)	21	123

Table 47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		All farms	Fewest number of farms accounting for—			
			10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms	number	574	1	4	15	47
	percent	100.0	.2	.7	2.6	8.2
Land in farms	acres	1 026 732	(D)	954	5 955	200 478
Average size of farm	acres	1 789	(D)	239	397	4 265
Value of land and buildings[1]	farms	574	1	4	15	47
	$1,000	317 422	(D)	8 600	18 022	62 197
Average per farm	dollars	553 000	(D)	2 150 000	1 201 467	1 323 340
Average per acre	dollars	309	(D)	9 015	3 026	310
Estimated market value of all machinery and equipment	$1,000	22 290	(D)	825	3 525	7 157
	percent	100.0	(D)	3.7	15.8	32.1
Land in farms according to use:						
Total cropland	acres	66 305	(D)	734	4 182	23 601
Harvested cropland	acres	28 949	(D)	637	3 199	12 128
Pastureland, excluding woodland pastured	acres	908 750	-	-	1 076	171 096
Market value of agricultural products sold	$1,000	17 972	(D)	5 065	9 094	13 551
Average per farm	dollars	31 309	(D)	1 266 178	606 264	288 316
Grains	farms	32	-	-	1	9
	$1,000	828	-	-	(D)	553
Cotton and cottonseed	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Tobacco	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Hay, silage, and field seeds	farms	209	-	1	7	19
	$1,000	2 200	-	(D)	375	965
Vegetables, sweet corn, and melon	farms	46	-	1	2	7
	$1,000	780	-	(D)	(D)	504
Fruits, nuts, and berries	farms	16	-	-	-	-
	$1,000	12	-	-	-	-
Nursery and greenhouse crops	farms	75	1	2	4	12
	$1,000	5 549	(D)	(D)	3 655	4 644
Other crops	farms	54	-	-	2	11
	$1,000	1 389	-	-	(D)	983
Poultry and poultry products	farms	58	-	-	1	2
	$1,000	(D)	-	-	(D)	(D)
Dairy products	farms	25	-	2	8	13
	$1,000	4 814	-	(D)	3 858	4 697
Cattle and calves	farms	134	-	2	9	20
	$1,000	1 168	-	(D)	267	632
Hogs and pigs	farms	37	-	-	3	3
	$1,000	118	-	-	6	6
Sheep, lambs, and wool	farms	25	-	-	1	2
	$1,000	181	-	-	(D)	(D)
Other livestock and livestock products (see text)	farms	111	-	-	1	2
	$1,000	(D)	-	-	(D)	(D)
Total farm production expenses[1]	farms	574	1	4	15	47
	$1,000	15 774	(D)	3 556	6 295	9 393
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	138	-	-	1	6
	$1,000	386	-	-	(D)	105
Feed for livestock and poultry	farms	282	-	2	9	21
	$1,000	2 978	-	(D)	1 696	2 123
Commercial fertilizer	farms	338	1	4	14	39
	$1,000	1 413	(D)	34	193	572
Agricultural chemicals	farms	156	1	2	6	27
	$1,000	166	(D)	(D)	58	89
Petroleum products	farms	540	1	4	15	46
	$1,000	1 140	(D)	146	333	574
Electricity	farms	355	1	4	14	42
	$1,000	440	(D)	119	169	240
Hired farm labor	farms	204	1	4	14	39
	$1,000	2 647	(D)	1 039	1 631	2 140
Interest	farms	257	1	4	14	37
	$1,000	1 275	(D)	240	409	563
Payments from government programs	farms	42	-	-	1	10
	$1,000	580	-	-	(D)	227
Inventory of selected livestock:						
Cattle and calves	farms	170	-	2	8	19
	number	9 433	-	(D)	2 186	3 916
Milk cows	farms	50	-	2	8	13
	number	1 713	-	(D)	1 258	1 615
Hogs and pigs	farms	45	-	-	2	2
	number	573	-	-	(D)	(D)

[1]Data are based on a sample of farms.

State tables 48 through 53 are omitted to avoid excessive disclosures of data for the State and at the U.S. level.

Table 1. **Area Summary Highlights: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet Seward Area
Farms	number	574	27	245	175	8	119
Land in farms	acres	1 026 732	726 596	59 297	154 913	214	85 712
Average size of farm	acres	1 789	26 911	242	885	27	720
Value of land and buildings[1]:							
Average per farm	dollars	553 000	3 340 519	353 388	512 434	129 000	419 664
Average per acre	dollars	309	124	1 460	579	4 822	583
Estimated market value of all machinery and equipment[1]:							
Average per farm	dollars	38 901	19 737	39 986	51 104	17 806	24 632
Farms by size:							
1 to 9 acres		96	4	52	18	4	18
10 to 49 acres		113	3	43	32	3	32
50 to 179 acres		172	-	88	51	1	32
180 to 499 acres		97	1	43	39	-	14
500 to 999 acres		24	3	9	7	-	5
1,000 acres or more		72	16	10	28	-	18
Total cropland	farms	454	10	199	144	6	95
	acres	66 305	(D)	16 966	43 362	(D)	5 295
Harvested cropland	farms	397	7	179	126	6	79
	acres	28 949	174	10 649	15 270	38	2 818
Irrigated land	farms	74	1	44	21	1	7
	acres	1 826	(D)	1 174	614	(D)	(D)
Market value of agricultural products sold	$1,000	17 972	666	13 132	3 489	19	665
Average per farm	dollars	31 309	24 662	53 600	19 938	2 375	5 592
Crops, including nursery and greenhouse crops	$1,000	10 768	(D)	7 748	2 523	(D)	419
Livestock, poultry, and their products	$1,000	7 204	(D)	5 384	966	(D)	247
Farms by value of sales:							
Less than $2,500		242	8	96	67	4	67
$2,500 to $4,999		92	6	32	29	3	22
$5,000 to $9,999		73	4	37	17	1	14
$10,000 to $24,999		65	1	22	31	-	11
$25,000 to $49,999		38	4	21	10	-	3
$50,000 to $99,999		25	1	10	13	-	1
$100,000 or more		39	3	27	8	-	1
Operators by principal occupation:							
Farming		248	10	111	87	2	38
Other		326	17	134	88	6	81
Operators by days worked off farm:							
Any		369	16	143	115	7	88
200 days or more		182	7	87	53	3	32
Average age of operator	years	48.9	50.4	49.6	48.5	48.4	47.5
Total farm production expenses[1]	$1,000	15 774	506	10 297	3 813	37	1 121
Average per farm	dollars	27 480	18 738	42 027	21 788	4 640	9 422
Livestock and poultry:							
Cattle and calves inventory	farms	170	20	64	40	1	45
	number	9 433	3 639	3 265	1 519	(D)	(D)
Beef cows	farms	112	16	37	25	1	33
	number	3 199	(D)	435	532	(D)	508
Milk cows	farms	50	3	20	11	-	16
	number	1 713	(D)	1 455	220	-	(D)
Cattle and calves sold	farms	134	18	56	30	-	30
	number	2 538	617	930	686	-	305
Hogs and pigs inventory	farms	45	3	24	9	1	8
	number	573	(D)	310	88	(D)	68
Hogs and pigs sold	farms	37	3	19	6	1	8
	number	1 100	(D)	648	(D)	(D)	237
Sheep and lambs inventory	farms	27	2	11	9	-	5
	number	2 394	(D)	260	167	-	(D)
Chickens 3 months old or older inventory	farms	82	2	36	20	4	20
	number	2 385	(D)	943	525	160	(D)
Broilers and other meat-type chickens sold	farms	12	-	4	5	-	3
	number	4 141	-	160	(D)	-	(D)
Selected crops harvested:							
Barley for grain	farms	35	1	12	22	-	-
	acres	5 666	(D)	(D)	5 311	-	-
	bushels	235 417	(D)	(D)	225 834	-	-
Oats for grain	farms	21	-	12	9	-	-
	acres	749	-	171	578	-	-
	bushels	44 463	-	9 444	35 019	-	-
Irish potatoes	farms	54	1	32	15	2	4
	acres	743	(D)	637	103	(D)	(D)
	cwt	145 635	(D)	131 708	13 589	(D)	268
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	290	3	120	98	2	67
	acres	21 254	(D)	9 180	9 091	(D)	2 832
	tons, dry	28 615	(D)	14 169	11 007	(D)	3 313
Vegetables harvested for sale (see text)	farms	46	-	25	14	3	4
	acres	347	-	286	52	(D)	(D)

[1]Data are based on a sample of farms.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms, 1987	574	27	245	175	8	119
	farms, 1982	570	28	223	170	12	137
	$1,000, 1987	17 972	666	13 132	3 489	19	665
	$1,000, 1982	11 399	241	7 423	2 620	37	1 078
Average per farm	dollars, 1987	31 309	24 662	53 600	19 938	2 375	5 592
	dollars, 1982	19 999	8 601	33 288	15 411	3 121	7 869
1987 value of sales:							
Less than $1,000	farms	137	4	49	39	1	44
	$1,000	30	(D)	11	7	(D)	11
$1,000 to $2,499	farms	105	4	47	28	3	23
	$1,000	171	(D)	76	44	(D)	39
$2,500 to $4,999	farms	92	6	32	29	3	22
	$1,000	309	22	108	97	9	73
$5,000 to $9,999	farms	73	4	37	17	1	14
	$1,000	517	(D)	264	118	(D)	97
$10,000 to $19,999	farms	55	-	18	27	-	10
	$1,000	743	-	250	360	-	134
$20,000 to $24,999	farms	10	1	4	4	-	1
	$1,000	218	(D)	(D)	88	-	(D)
$25,000 to $39,999	farms	26	3	13	7	-	3
	$1,000	801	105	385	219	-	92
$40,000 to $49,999	farms	12	1	8	3	-	-
	$1,000	551	(D)	(D)	141	-	-
$50,000 to $99,999	farms	25	1	10	13	-	1
	$1 000	1 755	(D)	688	(D)	-	(D)
$100,000 to $249,999	farms	23	3	12	7	-	1
	$1,000	3 526	(D)	1 932	1 098	-	(D)
$250,000 to $499,999	farms	11	-	10	1	-	-
	$1,000	3 760	-	(D)	(D)	-	-
$500,000 or more	farms	5	-	5	-	-	-
	$1,000	5 590	-	5 590	-	-	-
1982 value of sales[1]:							
Less than $1,000	farms	109	3	41	34	4	27
	$1,000	26	(D)	9	8	(D)	6
$1,000 to $2,499	farms	158	10	48	47	4	49
	$1,000	251	(D)	76	74	(D)	80
$2,500 to $4,999	farms	110	9	48	23	1	29
	$1,000	380	(D)	166	86	(D)	93
$5,000 to $9,999	farms	85	3	34	26	3	19
	$1,000	596	(D)	231	183	(D)	139
$10,000 to $19,999	farms	39	1	18	13	-	7
	$1,000	547	(D)	248	173	-	(D)
$20,000 to $24,999	farms	7	-	3	3	-	1
	$1,000	155	-	65	(D)	-	(D)
$25,000 to $39,999	farms	19	1	8	8	-	2
	$1,000	603	(D)	247	(D)	-	(D)
$40,000 to $49,999	farms	6	-	3	3	-	-
	$1,000	263	-	(D)	(D)	-	-
$50,000 to $99,999	farms	11	-	5	5	-	1
	$1,000	777	-	(D)	(D)	-	(D)
$100,000 to $249,999	farms	18	1	8	8	-	1
	$1,000	2 964	(D)	(D)	1 272	-	(D)
$250,000 to $499,999	farms	5	-	4	-	-	1
	$1,000	2 100	-	(D)	-	-	(D)
$500,000 or more	farms	3	-	3	-	-	-
	$1,000	2 737	-	2 737	-	-	-
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops	farms, 1987	318	3	146	107	6	56
	farms, 1982	292	3	131	98	7	53
	$1,000, 1987	10 768	(D)	7 748	2 523	(D)	419
	$1,000, 1982	6 010	6	3 733	1 935	25	311
Grains	farms, 1987	32	-	12	20	-	-
	farms, 1982	33	-	9	24	-	-
	$1,000, 1987	828	-	53	775	-	-
	$1,000, 1982	679	-	34	645	-	-
Corn for grain	farms, 1987	-	-	-	-	-	-
	farms, 1982	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-
Wheat	farms, 1987	4	-	2	2	-	-
	farms, 1982	4	-	-	4	-	-
	$1,000, 1987	(D)	-	(D)	(D)	-	-
	$1,000, 1982	9	-	-	9	-	-
Soybeans	farms, 1987	-	-	-	-	-	-
	farms, 1982	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-
Sorghum for grain	farms, 1987	-	-	-	-	-	-
	farms, 1982	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
	$1,000, 1982	-	-	-	-	-	-
Barley	farms, 1987	24	-	6	18	-	-
	farms, 1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	719	-	11	708	-	-
	$1,000, 1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats	farms, 1987	12	-	6	6	-	-
	farms, 1982	12	-	3	9	-	-
	$1,000, 1987	83	-	38	46	-	-
	$1,000, 1982	24	-	4	21	-	-
Other grains[2]	farms, 1987	2	-	1	1	-	-
	farms, 1982	28	-	7	21	-	-
	$1,000, 1987	(D)	-	(D)	(D)	-	-
	$1,000, 1982	645	-	30	615	-	-

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)-Con.							
Sales by commodity or commodity group-Con.							
Crops, including nursery and greenhouse crops-Con.							
Cotton and cottonseed	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
Tobacco	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1987	209	1	88	78	1	43
	1982	176	2	74	60	1	39
	$1,000, 1987	2 200	(D)	1 133	920	(D)	(D)
	1982	(D)	(D)	(D)	441	(D)	156
Vegetables, sweet corn, and melons	farms, 1987	46	-	25	14	3	4
	1982	41	-	23	15	2	1
	$1,000, 1987	780	-	663	(D)	2	(D)
	1982	649	-	574	73	(D)	(D)
Fruits, nuts, and berries	farms, 1987	16	-	4	5	3	4
	1982	15	-	3	6	2	4
	$1,000, 1987	12	-	2	(D)	(D)	(D)
	1982	16	-	(D)	11	(D)	1
Nursery and greenhouse crops	farms, 1987	75	2	42	17	3	11
	1982	66	-	34	21	4	7
	$1,000, 1987	5 549	(D)	4 687	526	(D)	267
	1982	3 033	-	2 205	686	(D)	(D)
Other crops	farms, 1987	54	-	32	16	2	4
	1982	50	1	26	14	2	7
	$1,000, 1987	1 399	-	1 210	183	(D)	(D)
	1982	(D)	(D)	546	80	(D)	(D)
Livestock, poultry, and their products	farms, 1987	261	22	112	66	3	58
	1982	326	24	110	92	5	95
	$1,000, 1987	7 204	(D)	5 384	966	(D)	247
	1982	5 389	235	3 691	684	12	787
Poultry and poultry products	farms, 1987	58	1	26	15	2	14
	1982	98	1	33	32	2	30
	$1,000, 1987	(D)	(D)	(D)	10	(D)	16
	1982	(D)	(D)	(D)	20	(D)	(D)
Dairy products	farms, 1987	25	1	13	6	-	5
	1982	32	-	12	7	-	13
	$1,000, 1987	4 814	(D)	(D)	420	-	6
	1982	2 550	-	(D)	(D)	-	(D)
Cattle and calves	farms, 1987	134	18	56	30	-	30
	1982	151	20	52	36	1	42
	$1,000, 1987	1 168	261	408	350	-	149
	1982	651	(D)	207	183	(D)	171
Hogs and pigs	farms, 1987	37	3	19	6	1	8
	1982	70	1	29	20	2	18
	$1,000, 1987	118	(D)	69	18	(D)	24
	1982	812	(D)	(D)	254	(D)	34
Sheep, lambs, and wool	farms, 1987	25	2	12	7	-	4
	1982	20	2	7	8	-	3
	$1,000, 1987	181	(D)	(D)	7	-	2
	1982	(D)	(D)	(D)	4	-	(Z)
Other livestock and livestock products (see text)	farms, 1987	111	8	49	31	3	20
	1982	130	7	40	39	2	42
	$1,000, 1987	(D)	(D)	201	163	(D)	49
	1982	(D)	(D)	120	(D)	(D)	79
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)		16	-	2	14	-	-
Field crops, except cash grains (013)		187	1	84	67	1	34
Cotton (0131)		-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		187	1	84	67	1	34
Vegetables and melons (016)		16	-	9	6	-	1
Fruits and tree nuts (017)		2	-	-	-	1	1
Horticultural specialties (018)		57	2	32	11	2	10
General farms, primarily crop (019)		41	-	15	12	1	13
Livestock, except dairy, poultry, and animal specialties (021)		106	18	39	20	2	27
Beef cattle, except feedlots (0212)		58	15	16	8	1	18
Dairy farms (024)		18	1	11	4	-	2
Poultry and eggs (025)		15	1	8	1	-	5
Animal specialties (027)		101	3	41	34	-	23
General farms, primarily livestock and animal specialties (029)		15	1	4	6	1	3

[1]Data for 1982 exclude abnormal farms.
[2]Data for 1982 include market value of barley sold.

Table 3. Farm Production Expenses: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
Total farm production expenses	farms, 1987	1 574	27	245	175	8	119
	$1,000, 1987	15 774	506	10 297	3 813	37	1 121
Average per farm	dollars, 1987	27 480	18 738	42 027	21 788	4 640	9 422
Livestock and poultry purchased	farms, 1987	138	9	58	39	1	31
	1982	188	7	62	58	1	60
	$1,000, 1987	386	73	147	112	(D)	(D)
	1982	507	(D)	199	114	(D)	187
Feed for livestock and poultry	farms, 1987	282	19	124	71	4	64
	1982	335	17	112	94	8	104
	$1,000, 1987	2 978	109	2 365	366	9	130
	1982	2 293	54	1 501	(D)	(D)	470
Commercially mixed formula feeds	farms, 1987	169	12	69	44	3	41
	1982	203	5	73	57	4	64
	$1,000, 1987	1 456	36	1 178	186	5	50
	1982	1 531	5	1 107	88	14	316
Seeds, bulbs, plants, and trees	farms, 1987	231	3	113	79	2	34
	1982	198	2	87	69	6	34
	$1,000, 1987	658	(D)	470	163	(D)	12
	1982	359	(D)	108	202	1	(D)
Commercial fertilizer[1]	farms, 1987	338	5	154	109	6	64
	1982	351	4	151	113	4	79
	$1,000, 1987	1 413	13	548	733	4	115
	1982	1 118	(D)	(D)	609	(Z)	100
Agricultural chemicals[1]	farms, 1987	156	7	86	45	3	15
	1982	90	1	53	30	1	5
	$1,000, 1987	166	14	111	35	(D)	(D)
	1982	45	(D)	31	13	(D)	(D)
Petroleum products	farms, 1987	540	27	228	168	7	110
	1982	559	28	220	166	12	133
	$1,000, 1987	1 140	32	643	339	2	124
	1982	1 113	16	490	453	5	149
Gasoline and gasohol	farms, 1987	462	23	192	146	7	94
	1982	528	28	211	153	11	125
	$1,000, 1987	409	18	209	120	1	60
	1982	517	11	228	190	3	85
Diesel fuel	farms, 1987	310	11	120	113	2	64
	1982	268	6	91	98	4	69
	$1,000, 1987	387	10	176	(D)	(D)	28
	1982	275	3	106	136	1	30
Natural gas	farms, 1987	42	–	22	11	–	9
	1982	11	–	7	–	–	4
	$1,000, 1987	213	–	184	(D)	–	(D)
	1982	(D)	–	(D)	–	–	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	363	18	159	115	2	69
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	132	5	74	43	(D)	(D)
	1982	(D)	(D)	(D)	127	(D)	(D)
Electricity	farms, 1987	355	14	159	97	4	81
	1982	361	12	145	108	2	94
	$1,000, 1987	440	7	306	80	1	46
	1982	396	(D)	219	117	(D)	55
Hired farm labor	farms, 1987	204	10	84	75	1	34
	1982	255	12	105	81	2	55
	$1,000, 1987	2 647	(D)	2 159	342	(D)	106
	1982	1 925	(D)	1 401	336	(D)	172
Contract labor	farms, 1987	92	3	41	33	1	14
	1982	38	–	14	20	1	3
	$1,000, 1987	364	8	207	141	(D)	(D)
	1982	91	–	38	45	(D)	(D)
Repair and maintenance	farms, 1987	462	23	204	136	3	96
	$1,000, 1987	1 017	(D)	585	298	(D)	91
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	145	1	57	67	1	19
	1982	106	3	34	46	1	22
	$1,000, 1987	303	(D)	147	146	(D)	(D)
	1982	119	(D)	38	55	(D)	23
Interest paid[3]	farms, 1987	257	14	101	93	1	48
	1982	231	4	89	86	1	51
	$1,000, 1987	1 275	(D)	633	398	(D)	172
	1982	1 466	9	(D)	621	(D)	201
Interest paid on debt:							
Secured by real estate	farms, 1987	175	8	65	70	1	31
	$1,000, 1987	969	61	466	298	(D)	(D)
Not secured by real estate	farms, 1987	135	9	54	49	–	23
	$1,000, 1987	306	(D)	167	100	–	(D)
Cash rent	farms, 1987	90	8	39	20	–	23
	$1,000, 1987	357	16	291	39	–	12
Property taxes paid	farms, 1987	528	23	225	162	5	113
	$1,000, 1987	731	25	353	229	8	119
All other farm production expenses	farms, 1987	498	23	212	152	4	107
	$1,000, 1987	1 897	51	1 335	392	1	118

[1]Data for 1987 include cost of custom applications.
[2]Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[3]Data for 1982 do not include imputation for item nonresponse.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	574	27	245	175	8	119
	$1,000, 1987	2 198	160	2 835	-324	-18	-458
Average per farm	dollars, 1987	3 829	5 924	11 573	-1 849	-2 266	-3 830
Farms with net gains[2]	number, 1987	181	12	98	45	2	24
	$1,000, 1987	5 543	(D)	4 212	927	(D)	114
Average per farm	dollars, 1987	30 622	(D)	42 976	20 593	(D)	4 757
Farms with net losses	number, 1987	393	15	147	130	6	96
	$1,000, 1987	3 345	(D)	1 376	1 250	(D)	570
Average per farm	dollars, 1987	8 511	(D)	9 363	9 618	(D)	6 000
GOVERNMENT PAYMENTS							
Total received	farms, 1987	42	-	9	32	-	1
	$1,000, 1987	580	-	22	(D)	-	(D)
Average per farm	dollars, 1987	13 801	-	2 418	(D)	-	(D)
Amount received in cash	farms, 1987	36	-	8	27	-	1
	$1,000, 1987	321	-	(D)	308	-	(D)
Value of commodity certificates received	farms, 1987	19	-	1	18	-	-
	$1,000, 1987	259	-	(D)	(D)	-	-
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses[1]	farms, 1987	112	6	46	37	-	23
	$1,000, 1987	700	25	255	351	-	69
Average per farm	dollars, 1987	6 251	4 128	5 549	9 487	-	3 001
Customwork and other agricultural services[3]	farms, 1987	62	2	19	32	-	9
	1982	54	1	16	24	-	13
	$1,000, 1987	410	(D)	131	251	-	(D)
	1982	194	(D)	27	150	-	(D)
Rental of farmland	farms, 1987	20	-	11	3	-	6
	$1,000, 1987	54	-	(D)	(D)	-	14
Sales of forest products and Christmas trees	farms, 1987	18	2	6	8	-	2
	$1,000, 1987	50	(D)	(D)	14	-	(D)
Other farm-related income sources	farms, 1987	30	3	15	4	-	8
	$1,000, 1987	186	(D)	69	(D)	-	28
COMMODITY CREDIT CORPORATION LOANS							
Total	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
Corn	farms, 1987	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
Wheat	farms, 1987	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
Soybeans	farms, 1987	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
Sorghum, barley, and oats	farms, 1987	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
Cotton	farms, 1987	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.
[3]Data for 1987 are based on a sample of farms; data for 1982 are nonsample.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
FARMS AND LAND IN FARMS						
Farms, number, 1987	574	27	245	175	8	119
1982	570	28	223	170	12	137
Land in farms, acres, 1987	1 026 732	726 596	59 297	154 913	214	85 712
1982	1 323 953	764 514	256 709	204 568	127	98 035
Average size of farm, acres, 1987	1 789	26 911	242	885	27	720
1982	2 323	27 304	1 151	1 203	11	716
Value of land and buildings[1]:						
Average per farm, dollars, 1987	553 000	3 340 519	353 388	512 434	129 000	419 664
1982	463 849	1 820 571	434 673	422 453	74 083	319 562
Average per acre, dollars, 1987	309	124	1 460	579	4 822	583
1982	200	67	376	351	7 000	447
Approximate land area, acres, 1987	365 333 120	168 062 720	41 896 320	122 030 080	23 068 160	10 275 840
Proportion in farms, percent, 1987	.3	.4	.1	.1	(Z)	.8
1987 size of farm:						
1 to 9 acres, farms	96	4	52	18	4	18
acres	310	4	160	69	12	65
10 to 49 acres, farms	113	3	43	32	3	32
acres	2 624	(D)	877	669	(D)	951
50 to 69 acres, farms	25	-	15	5	-	5
acres	(D)	-	847	280	-	(D)
70 to 99 acres, farms	39	-	21	13	-	5
acres	3 171	-	1 683	1 052	-	436
100 to 139 acres, farms	45	-	23	11	-	12
acres	5 392	-	2 648	1 307	-	1 437
140 to 179 acres, farms	62	-	29	22	1	10
acres	9 865	-	4 574	3 553	(D)	(D)
180 to 219 acres, farms	19	-	7	5	-	7
acres	3 672	-	1 342	996	-	1 334
220 to 259 acres, farms	25	-	10	12	-	3
acres	5 920	-	2 359	2 872	-	689
260 to 499 acres, farms	53	1	26	22	-	4
acres	18 826	(D)	9 567	7 534	-	(D)
500 to 999 acres, farms	24	3	9	7	-	5
acres	(D)	(D)	(D)	5 521	-	3 405
1,000 to 1,999 acres, farms	24	1	7	7	-	9
acres	32 579	(D)	(D)	9 488	-	13 612
2,000 acres or more, farms	48	15	3	21	-	9
acres	925 803	722 734	20 981	121 572	-	60 536
1982 size of farm:						
1 to 9 acres, farms	91	1	38	25	8	19
acres	(D)	(D)	(D)	104	28	84
10 to 49 acres, farms	115	3	37	33	4	38
acres	3 043	76	1 012	808	99	1 048
50 to 69 acres, farms	29	1	17	4	-	7
acres	1 683	(D)	(D)	224	-	415
70 to 99 acres, farms	42	-	22	10	-	10
acres	3 394	-	1 790	803	-	801
100 to 139 acres, farms	48	-	21	18	-	9
acres	5 586	-	2 380	2 134	-	1 072
140 to 179 acres, farms	65	-	27	23	-	15
acres	10 273	-	4 295	3 601	-	2 377
180 to 219 acres, farms	20	1	7	5	-	7
acres	3 905	(D)	(D)	957	-	1 391
220 to 259 acres, farms	18	-	5	10	-	3
acres	4 191	-	1 135	2 396	-	660
260 to 499 acres, farms	50	-	29	17	-	4
acres	17 231	-	10 185	5 682	-	1 364
500 to 999 acres, farms	23	2	9	4	-	8
acres	16 198	(D)	(D)	3 369	-	5 323
1,000 to 1,999 acres, farms	13	1	3	4	-	5
acres	(D)	(D)	(D)	5 741	-	6 852
2,000 acres or more, farms	56	19	8	17	-	12
acres	1 240 544	761 771	223 376	178 749	-	76 648
LAND IN FARMS ACCORDING TO USE						
Total cropland, farms, 1987	454	10	199	144	6	95
1982	460	10	187	148	8	107
acres, 1987	66 305	(D)	16 966	43 362	(D)	5 295
1982	54 311	472	13 175	34 893	38	5 733
Harvested cropland, farms, 1987	397	7	179	126	6	79
1982	395	5	166	126	7	91
acres, 1987	28 949	174	10 649	15 270	38	2 818
1982	25 694	131	7 396	14 725	23	3 419
Cropland used only for pasture or grazing, farms, 1987	147	2	62	42	1	40
1982	143	3	57	44	2	37
acres, 1987	5 694	(D)	1 842	1 895	(D)	1 773
1982	6 259	(D)	1 509	3 131	(D)	(D)
Other cropland, farms, 1987	198	3	90	75	2	28
1982	178	4	74	67	1	32
acres, 1987	31 662	(D)	4 475	26 197	(D)	704
1982	22 358	(D)	4 270	17 037	(D)	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured, farms, 1987	80	2	31	38	2	7
1982	37	-	16	14	-	7
acres, 1987	11 411	(D)	894	10 228	(D)	134
1982	1 022	-	352	590	-	80

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
LAND IN FARMS ACCORDING TO USE—Con.							
Total cropland-Con.							
Other cropland-Con.							
Cropland on which all crops failed	farms, 1987	40	1	18	9	1	11
	1982	50	-	31	12	-	7
	acres, 1987	693	(D)	(D)	144	(D)	(D)
	1982	1 265	-	793	292	-	180
Cropland in cultivated summer fallow	farms, 1987	54	-	26	24	-	4
	1982	42	-	17	19	-	6
	acres, 1987	8 351	-	(D)	7 214	-	(D)
	1982	6 914	-	893	5 876	-	145
Cropland idle	farms, 1987	121	2	54	51	1	13
	1982	95	4	33	41	1	16
	acres, 1987	11 207	(D)	2 314	8 611	(D)	238
	1982	13 157	(D)	2 232	10 279	(D)	(D)
Total woodland	farms, 1987	300	4	134	95	3	64
	1982	281	4	106	88	3	80
	acres, 1987	44 211	(D)	13 403	11 018	(D)	18 869
	1982	40 389	1 035	11 524	10 317	(D)	(D)
Woodland pastured	farms, 1987	103	2	39	26	-	36
	1982	94	1	36	15	2	40
	acres, 1987	16 650	(D)	(D)	2 565	-	12 069
	1982	14 424	(D)	1 597	846	(D)	11 475
Woodland not pastured	farms, 1987	243	3	115	81	3	41
	1982	224	3	85	79	2	55
	acres, 1987	27 561	(D)	(D)	8 453	(D)	6 800
	1982	25 965	(D)	9 927	9 471	(D)	(D)
Other land	farms, 1987	453	22	192	139	7	93
	1982	453	27	166	140	8	110
	acres, 1987	916 216	725 177	28 928	100 533	30	61 548
	1982	1 229 253	763 007	232 010	159 358	(D)	(D)
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	136	18	34	41	2	41
	1982	172	25	53	33	1	60
	acres, 1987	903 056	(D)	25 467	95 882	(D)	59 001
	1982	1 217 106	762 139	229 019	153 916	(D)	(D)
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	399	13	182	118	7	79
	1982	396	17	150	128	8	93
	acres, 1987	13 180	(D)	3 461	4 651	(D)	2 547
	1982	12 147	868	2 991	5 442	30	2 816
Pastureland, all types	farms, 1987	303	21	99	93	3	87
	1982	314	25	109	78	4	98
	acres, 1987	925 400	723 574	(D)	100 342	(D)	72 843
	1982	1 237 789	762 850	232 125	157 893	25	84 896
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	15	-	-	15	-	-
	1982	8	-	-	8	-	-
	acres, 1987	1 712	-	-	1 712	-	-
	1982	(D)	-	-	(D)	-	-
Cropland placed under the conservation reserve program	farms, 1987	11	-	1	10	-	-
	acres, 1987	4 455	-	(D)	(D)	-	-

[1]Data are based on a sample of farms, see text.

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
Farms number, 1987	397	7	179	126	6	79
1982	395	5	166	126	7	91
acres harvested, 1987	28 949	174	10 649	15 270	38	2 818
1982	25 894	131	7 396	14 725	23	3 419
HARVESTED CROPLAND BY SIZE OF FARM						
1987 size of farm:						
1 to 9 acres farms	42	1	25	5	3	8
acres harvested	65	(D)	42	7	(D)	12
10 to 49 acres farms	63	2	24	16	2	19
acres harvested	600	(D)	180	183	(D)	188
50 to 69 acres farms	20	-	12	4	-	4
acres harvested	595	-	341	129	-	125
70 to 99 acres farms	31	-	17	11	-	3
acres harvested	919	-	426	341	-	152
100 to 139 acres farms	38	-	18	11	-	9
acres harvested	1 484	-	744	431	-	289
140 to 179 acres farms	56	-	27	18	1	10
acres harvested	2 142	-	1 073	604	(D)	(D)
180 to 219 acres farms	13	-	4	5	-	4
acres harvested	(D)	-	276	168	-	(D)
220 to 259 acres farms	24	-	10	11	-	3
acres harvested	(D)	-	917	583	-	(D)
260 to 499 acres farms	49	-	26	19	-	4
acres harvested	4 854	-	3 004	1 760	-	90
500 to 999 acres farms	22	1	9	7	-	5
acres harvested	(D)	(D)	2 461	3 120	-	(D)
1,000 to 1,999 acres farms	18	1	7	4	-	6
acres harvested	3 181	(D)	1 185	1 600	-	(D)
2,000 acres or more farms	21	2	-	15	-	4
acres harvested	(D)	(D)	-	6 344	-	(D)
1982 size of farm:						
1 to 9 acres farms	34	-	19	7	4	4
acres harvested	68	-	38	11	5	14
10 to 49 acres farms	75	1	26	19	3	26
acres harvested	833	(D)	287	149	18	(D)
50 to 69 acres farms	22	1	13	3	-	5
acres harvested	624	(D)	376	65	-	(D)
70 to 99 acres farms	33	-	17	9	-	7
acres harvested	945	-	482	230	-	233
100 to 139 acres farms	43	-	18	17	-	8
acres harvested	1 763	-	726	838	-	199
140 to 179 acres farms	57	-	25	21	-	11
acres harvested	1 774	-	670	575	-	529
180 to 219 acres farms	18	1	6	5	-	6
acres harvested	925	(D)	525	131	-	(D)
220 to 259 acres farms	16	-	5	8	-	3
acres harvested	961	-	162	682	-	117
260 to 499 acres farms	46	-	26	16	-	4
acres harvested	4 550	-	3 029	1 385	-	136
500 to 999 acres farms	18	-	8	4	-	6
acres harvested	2 846	-	769	1 422	-	655
1,000 to 1,999 acres farms	11	-	3	3	-	5
acres harvested	2 696	-	332	2 040	-	324
2,000 acres or more farms	22	2	-	14	-	6
acres harvested	7 709	(D)	-	7 197	-	(D)
HARVESTED CROPLAND BY ACRES HARVESTED						
1987 acres harvested:						
1 to 9 acres farms	106	4	59	18	5	20
acres	307	(D)	179	48	(D)	56
10 to 19 acres farms	62	-	19	26	-	17
acres	811	-	255	354	-	202
20 to 29 acres farms	46	-	22	13	1	10
acres	1 050	-	499	(D)	(D)	230
30 to 49 acres farms	53	1	25	13	-	14
acres	1 965	(D)	932	(D)	-	512
50 to 99 acres farms	53	2	22	21	-	8
acres	3 296	(D)	1 375	1 290	-	(D)
100 to 199 acres farms	40	-	18	13	-	9
acres	5 361	-	2 491	1 773	-	1 097
200 to 499 acres farms	24	-	11	12	-	1
acres	6 976	-	3 128	(D)	-	(D)
500 to 999 acres farms	11	-	3	8	-	-
acres	(D)	-	1 790	(D)	-	-
1,000 acres or more farms	2	-	-	2	-	-
acres	(D)	-	-	(D)	-	-
1982 acres harvested:						
1 to 9 acres farms	114	2	47	32	7	26
acres	380	(D)	156	93	23	(D)
10 to 19 acres farms	52	1	23	19	-	9
acres	669	(D)	297	234	-	(D)
20 to 29 acres farms	53	-	29	10	-	14
acres	1 176	-	632	225	-	319
30 to 49 acres farms	53	-	20	17	-	16
acres	1 957	-	746	634	-	577
50 to 99 acres farms	63	2	28	16	-	17
acres	3 943	(D)	1 818	1 027	-	(D)
100 to 199 acres farms	32	-	11	15	-	6
acres	4 254	-	1 529	2 045	-	680
200 to 499 acres farms	18	-	8	7	-	3
acres	(D)	-	2 218	(D)	-	630
500 to 999 acres farms	7	-	-	7	-	-
acres	4 680	-	-	4 680	-	-
1,000 acres or more farms	3	-	-	3	-	-
acres	(D)	-	-	(D)	-	-

Table 7. Irrigation: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
Farms	number, 1987	74	1	44	21	1	7
	1982	46	-	29	14	-	3
Land in irrigated farms	acres, 1987	12 327	(D)	6 921	4 989	(D)	(D)
	1982	4 705	-	2 985	1 504	-	216
Harvested cropland	farms, 1987	74	1	44	21	1	7
	1982	46	-	29	14	-	3
	acres, 1987	(D)	(D)	2 363	1 491	(D)	(D)
	1982	1 084	-	1 001	59	-	24
Other cropland, excluding cropland pastured	farms, 1987	34	-	18	14	-	2
	1982	18	-	9	7	-	2
	acres, 1987	1 879	-	1 113	(D)	-	(D)
	1982	643	-	516	(D)	-	(D)
Pastureland, excluding woodland pastured	farms, 1987	8	-	4	2	-	2
	1982	10	-	7	2	-	1
	acres, 1987	407	-	187	(D)	-	(D)
	1982	171	-	141	(D)	-	(D)
Irrigated land	acres, 1987	1 826	(D)	1 174	614	(D)	(D)
	1982	667	-	616	44	-	7
Harvested cropland	farms, 1987	74	1	44	21	1	7
	1982	46	-	29	14	-	3
	acres, 1987	(D)	(D)	1 174	614	(D)	(D)
	1982	667	-	616	44	-	7
Pastureland and other land	farms, 1987	1	-	-	-	-	1
	1982	.	-	-	-	-	.
	acres, 1987	(D)	-	-	-	-	(D)
	1982	-	-	-	-	-	.
1987 irrigated acres by size of farm:							
1 to 9 acres	farms	22	1	14	3	1	3
	acres irrigated	27	(D)	19	3	(D)	(D)
10 to 49 acres	farms	17	-	10	5	-	2
	acres irrigated	86	-	51	(D)	-	(D)
50 to 69 acres	farms	1	-	1	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-
70 to 99 acres	farms	4	-	3	1	-	-
	acres irrigated	6	-	(D)	(D)	-	-
100 to 139 acres	farms	3	-	-	3	-	-
	acres irrigated	32	-	-	32	-	-
140 to 179 acres	farms	8	-	5	2	-	1
	acres irrigated	173	-	170	(D)	-	(D)
180 to 219 acres	farms	1	-	-	-	-	1
	acres irrigated	(D)	-	-	-	-	(D)
220 to 259 acres	farms	3	-	2	1	-	-
	acres irrigated	131	-	(D)	(D)	-	-
260 to 499 acres	farms	10	-	6	4	-	-
	acres irrigated	414	-	383	31	-	-
500 to 999 acres	farms	3	-	2	1	-	-
	acres irrigated	(D)	-	(D)	(D)	-	-
1,000 to 1,999 acres	farms	2	-	1	1	-	-
	acres irrigated	(D)	-	(D)	(D)	-	-
2,000 acres or more	farms	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-
1982 irrigated acres by size of farm:							
1 to 9 acres	farms	12	-	9	3	-	-
	acres irrigated	23	-	18	5	-	-
10 to 49 acres	farms	10	-	5	3	-	2
	acres irrigated	14	-	6	(D)	-	(D)
50 to 69 acres	farms	3	-	3	-	-	-
	acres irrigated	42	-	42	-	-	-
70 to 99 acres	farms	1	-	-	1	-	-
	acres irrigated	(D)	-	-	(D)	-	-
100 to 139 acres	farms	2	-	2	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-
140 to 179 acres	farms	11	-	5	5	-	1
	acres irrigated	60	-	34	(D)	-	(D)
180 to 219 acres	farms	1	-	1	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-
220 to 259 acres	farms	1	-	-	1	-	-
	acres irrigated	(D)	-	-	(D)	-	-
260 to 499 acres	farms	5	-	4	1	-	-
	acres irrigated	413	-	(D)	(D)	-	-
500 to 999 acres	farms	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-
1,000 to 1,999 acres	farms	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-

Table 8. Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment	farms, 1987	573	27	245	174	8	119
	farms, 1982	564	28	221	166	12	135
	$1,000, 1987	22 290	533	9 792	8 892	142	2 931
	$1,000, 1982	18 562	246	6 997	7 768	151	3 401
Average per farm	dollars, 1987	38 901	19 737	39 966	51 104	17 806	24 632
	dollars, 1982	32 912	8 768	31 659	46 240	12 590	25 191
Farms by value group:							
$1 to $9,999	1987	191	11	77	51	5	47
	1982	215	21	87	48	6	53
$10,000 to $19,999	1987	92	7	39	26	1	19
	1982	90	3	27	36	4	20
$20,000 to $29,999	1987	96	4	49	20	1	22
	1982	92	3	38	25	1	25
$30,000 to $49,999	1987	79	2	33	26	-	18
	1982	63	1	22	18	1	21
$50,000 to $69,999	1987	32	-	12	17	-	3
	1982	33	-	19	9	-	5
$70,000 to $99,999	1987	27	3	8	11	1	4
	1982	35	-	17	14	-	4
$100,000 to $199,999	1987	37	-	17	15	-	4
	1982	21	-	7	8	-	5
$200,000 or more	1987	19	-	10	8	-	6
	1982	15	-	4	10	-	1
$200,000 to $499,999	1987	18	-	10	7	-	1
$500,000 or more	1987	1	-	-	1	-	1
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups	farms, 1987	522	24	226	158	8	106
	farms, 1982	511	24	202	160	7	118
	number, 1987	1 058	38	478	357	12	173
	number, 1982	986	32	416	331	(D)	(D)
Wheel tractors	farms, 1987	460	19	192	145	6	98
	farms, 1982	391	11	153	116	8	103
	number, 1987	1 012	32	481	314	8	177
	number, 1982	793	(D)	351	242	(D)	177
Less than 40 horsepower (PTO)	farms, 1987	329	10	144	91	6	78
	number, 1987	483	(D)	232	135	(D)	97
40 horsepower (PTO) or more	farms, 1987	284	12	125	96	1	50
	number, 1987	529	(D)	249	179	(D)	80
Grain and bean combines[1]	farms, 1987	59	-	22	33	-	4
	farms, 1982	43	-	13	27	-	3
	number, 1987	72	-	25	43	-	4
	number, 1982	49	-	13	(D)	-	(D)
Cottonpickers and strippers	farms, 1987	-	-	-	-	-	-
	farms, 1982	-	-	-	-	-	-
	number, 1987	-	-	-	-	-	-
	number, 1982	-	-	-	-	-	-
Mower conditioners	farms, 1987	190	2	67	73	2	46
	farms, 1982	172	3	62	58	4	45
	number, 1987	223	(D)	85	83	(D)	51
	number, 1982	199	(D)	69	68	(D)	54
Pickup balers	farms, 1987	209	2	84	74	1	48
	farms, 1982	192	1	75	67	-	49
	number, 1987	262	(D)	102	101	(D)	56
	number, 1982	232	(D)	84	86	-	(D)
1987 INVENTORY							
Manufactured 1983 to 1987:							
Motortrucks, including pickups	farms	166	10	63	55	-	38
	number	201	10	85	67	-	39
Wheel tractors	farms	82	5	35	22	-	20
	number	109	5	52	31	-	21
Less than 40 horsepower (PTO)	farms	49	3	20	14	-	12
	number	52	(D)	23	14	-	(D)
40 horsepower (PTO) or more	farms	40	2	21	9	-	8
	number	57	(D)	29	17	-	(D)
Grain and bean combines	farms	4	-	2	2	-	-
	number	(D)	-	(D)	(D)	-	-
Cottonpickers and strippers	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Mower conditioners	farms	45	-	19	18	-	10
	number	48	-	21	17	-	10
Pickup balers	farms	43	1	17	17	-	8
	number	(D)	(D)	18	17	-	(D)
Manufactured prior to 1983:							
Motortrucks, including pickups	farms	452	17	201	141	8	85
	number	857	28	393	290	12	134
Wheel tractors	farms	413	15	173	135	6	84
	number	903	27	429	263	8	156
Less than 40 horsepower (PTO)	farms	285	7	126	80	6	66
	number	431	(D)	209	121	(D)	(D)
40 horsepower (PTO) or more	farms	264	11	111	93	1	48
	number	472	(D)	220	162	(D)	(D)
Grain and bean combines	farms	55	-	20	31	-	4
	number	(D)	-	(D)	(D)	-	4
Cottonpickers and strippers	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Mower conditioners	farms	153	2	51	60	2	38
	number	175	(D)	64	66	(D)	41
Pickup balers	farms	178	1	71	63	1	42
	number	(D)	(D)	84	84	(D)	(D)

[1]Data for 1982 include self-propelled only.

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
Commercial fertilizer	farms, 1987	337	5	154	109	6	63
	1982	352	4	151	113	4	80
	acres on which used, 1987	30 853	(D)	10 488	18 109	20	(D)
	1982	25 698	56	7 639	15 265	19	2 719
Cropland fertilized, except pastureland	farms, 1987	318	5	145	105	6	57
	1982	333	3	145	109	4	72
	acres on which used, 1987	29 163	(D)	9 916	17 222	(D)	1 952
	1982	24 050	(D)	7 030	14 497	(D)	2 488
Pastureland and rangeland fertilized	farms, 1987	61	-	25	16	1	13
	1982	67	2	22	19	1	23
	acres on which used, 1987	1 690	-	572	887	(D)	(D)
	1982	1 648	(D)	609	768	(D)	231
Lime	farms, 1987	35	-	14	9	1	11
	1982	23	-	8	5	2	8
	acres on which used, 1987	318	-	148	(D)	(D)	100
	1982	(D)	-	114	(D)	(D)	57
	tons, 1987	183	-	99	(D)	(D)	55
	1982	(D)	-	102	(D)	(D)	28
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops	farms, 1987	47	1	34	9	-	3
	1982	41	1	24	13	-	3
	acres on which used, 1987	1 653	(D)	591	(D)	-	3
	1982	567	(D)	237	(D)	-	8
Nematodes in crops	farms, 1987	4	-	1	2	1	-
	1982	-	-	-	-	-	-
	acres on which used, 1987	(D)	-	(D)	(D)	(D)	-
	1982	-	-	-	-	-	-
Diseases in crops and orchards	farms, 1987	12	-	6	5	-	1
	1982	16	-	5	9	-	2
	acres on which used, 1987	(D)	-	9	(D)	-	(D)
	1982	79	-	(D)	16	-	(D)
Weeds, grass, or brush in crops and pasture	farms, 1987	92	4	56	26	2	4
	1982	80	-	46	27	1	6
	acres on which used, 1987	5 683	747	1 548	3 275	(D)	(D)
	1982	4 432	-	1 136	2 472	(D)	(D)
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1987	4	-	3	1	-	-
	1982	-	-	-	-	-	-
	acres on which used, 1987	(D)	-	(D)	(D)	-	-
	1982	-	-	-	-	-	-

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
FARMS							
Land in farms	farms, 1987	574	27	245	175	8	119
	farms, 1982	570	28	223	170	12	137
	acres, 1987	1 026 732	726 596	59 297	154 913	214	85 712
	acres, 1982	1 323 953	764 514	256 709	204 568	127	98 035
Harvested cropland	farms, 1987	397	7	179	126	8	79
	farms, 1982	395	5	166	126	7	91
	acres, 1987	28 949	174	10 649	15 270	38	2 818
	acres, 1982	25 694	131	7 396	14 725	23	3 419
TENURE OF OPERATOR							
Full owners	farms, 1987	389	12	170	130	5	72
	farms, 1982	383	10	148	132	12	81
	acres, 1987	282 899	179 777	25 609	69 215	190	8 108
	acres, 1982	252 901	155 077	25 978	54 674	127	17 045
Harvested cropland	farms, 1987	255	3	114	91	4	43
	farms, 1982	260	3	108	94	7	48
	acres, 1987	14 970	87	3 989	9 725	(D)	(D)
	acres, 1982	14 023	(D)	3 004	9 767	23	(D)
Part owners	farms, 1987	131	6	54	35	1	35
	farms, 1982	132	5	56	31	-	40
	acres, 1987	384 915	256 878	(D)	63 115	(D)	43 172
	acres, 1982	662 991	331 405	150 169	129 521	-	51 896
Owned land in farms	acres, 1987	46 751	1 313	(D)	32 051	(D)	3 722
	acres, 1982	44 147	914	(D)	31 240	-	(D)
Rented land in farms	acres, 1987	338 164	255 565	(D)	31 064	(D)	39 450
	acres, 1982	618 844	330 491	(D)	98 281	-	(D)
Harvested cropland	farms, 1987	112	3	49	29	1	30
	farms, 1982	108	2	47	27	-	32
	acres, 1987	12 167	(D)	5 563	4 914	(D)	1 599
	acres, 1982	9 582	(D)	3 535	4 251	-	(D)
Tenants	farms, 1987	54	9	21	10	2	12
	farms, 1982	55	13	19	7	-	16
	acres, 1987	358 918	289 941	(D)	22 583	(D)	34 432
	acres, 1982	408 061	278 032	60 562	20 373	-	29 094
Harvested cropland	farms, 1987	30	1	16	6	1	6
	farms, 1982	27	-	11	5	-	11
	acres, 1987	1 812	(D)	1 097	631	(D)	(D)
	acres, 1982	2 089	-	857	707	-	525
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	1987	424	8	184	129	8	95
	1982	404	7	148	125	8	116
Not on farm operated	1987	94	10	42	30	-	12
	1982	91	11	42	25	1	12
Not reported	1987	56	9	19	16	-	12
	1982	75	10	33	20	3	9
Operators by principal occupation:							
Farming	1987	248	10	111	87	2	38
	1982	231	8	97	71	3	52
Other	1987	326	17	134	88	6	81
	1982	339	20	126	99	9	85
Operators by days of work off farm:							
None	1987	173	7	82	55	1	28
	1982	132	3	63	40	3	23
Any	1987	369	16	143	115	7	88
	1982	397	21	143	120	8	105
1 to 49 days	1987	58	2	16	22	1	17
	1982	48	1	17	10	2	18
50 to 99 days	1987	30	1	10	8	1	10
	1982	24	2	10	7	1	4
100 to 149 days	1987	29	2	8	9	1	9
	1982	41	-	18	13	1	9
150 to 199 days	1987	70	4	22	23	1	20
	1982	84	8	22	26	1	27
200 days or more	1987	182	7	87	53	3	32
	1982	200	10	76	64	3	47
Not reported	1987	32	4	20	5	-	3
	1982	41	4	17	10	1	9
Operators by years on present farm:							
2 years or less	1987	35	1	16	13	-	5
	1982	41	-	14	14	2	11
3 or 4 years	1987	55	3	24	18	1	9
	1982	97	2	27	38	1	29
5 to 9 years	1987	140	6	59	52	4	19
	1982	138	2	52	42	2	40
10 years or more	1987	226	5	105	52	3	61
	1982	176	4	81	52	4	41
Average years on present farm	1987	12.9	11.1	13.2	46	11.1	14.4
	1982	11.2	14.5	12.7	11.7	12.1	10.2
Not reported	1987	118	12	41	9.9	-	25
	1982	118	20	49	40	3	18

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics			Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inl Seward Ar
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years		1987	4	1	-	3	-	
		1982	6	-	1	4	-	
25 to 34 years		1987	53	2	22	17	2	1
		1982	94	-	31	24	-	3
35 to 44 years		1987	169	4	69	53	1	4
		1982	177	7	69	55	4	4
45 to 54 years		1987	158	10	70	42	3	3
		1982	154	11	60	48	4	3
55 to 64 years		1987	123	7	52	41	1	2
		1982	109	6	48	31	4	2
55 to 59 years		1987	72	7	29	21	1	1
60 to 64 years		1987	51	-	23	20	-	
65 years and over		1987	67	3	32	19	1	1
		1982	30	4	14	8	-	
65 to 69 years		1987	42	1	20	10	1	1
70 years and over		1987	25	2	12	9	-	
Average age		1987	48.9	50.4	49.6	48.5	48.4	47.5
		1982	45.8	51.9	47.4	45.6	47.0	42.3
Operators by sex:								
Male	farms	1987	500	23	212	161	5	9
		1982	499	27	196	150	8	11
	acres	1987	1 006 984	718 044	56 551	154 007	198	78 184
		1982	1 184 786	(D)	185 991	203 698	(D)	90 559
Female	farms	1987	74	4	33	14	3	2
		1982	71	1	27	20	4	1
	acres	1987	19 748	8 552	2 746	906	16	7 526
		1982	139 167	(D)	70 718	870	(D)	7 476
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	1987	478	16	202	147	6	10
		1982	489	18	191	148	11	12
	acres	1987	670 528	438 854	34 828	(D)	(D)	52 945
		1982	909 619	413 302	(D)	197 015	(D)	65 823
Partnership	farms	1987	52	5	24	18	1	6
		1982	42	5	17	10	1	6
	acres	1987	143 647	135 386	3 128	(D)	(D)	999
		1982	127 573	(D)	3 186	(D)	(D)	3 081
Corporation:								
Family held	farms	1987	18	1	7	8	1	1
		1982	19	2	7	9	-	1
	acres	1987	35 565	(D)	(D)	5 752	(D)	(D)
		1982	114 795	(D)	(D)	(D)	-	(D)
Other than family held	farms	1987	11	2	5	2	-	2
		1982	10	2	3	2	-	3
	acres	1987	131 734	(D)	(D)	(D)	-	(D)
		1982	130 095	(D)	(D)	(D)	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms	1987	15	3	7	2	-	3
		1982	10	1	5	1	-	3
	acres	1987	45 258	(D)	18 739	(D)	-	24 466
		1982	41 871	(D)	(D)	(D)	-	23 230

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
INVENTORY							
Cattle and calves	farms, 1987	170	20	64	40	1	45
	farms, 1982	207	22	77	51	3	54
	number, 1987	9 433	3 639	3 265	1 519	(D)	(D)
	number, 1982	8 729	3 654	2 268	1 567	(D)	(D)
Farms by inventory:							
1 to 9	farms, 1987	71	3	28	12	1	27
	farms, 1982	95	2	42	25	3	23
	number, 1987	289	(D)	114	52	(D)	107
	number, 1982	361	(D)	168	100	(D)	72
10 to 19	farms, 1987	29	-	12	12	-	5
	farms, 1982	43	2	16	11	-	14
	number, 1987	395	-	155	168	-	72
	number, 1982	604	(D)	231	(D)	-	208
20 to 49	farms, 1987	30	4	9	7	-	10
	farms, 1982	32	2	9	8	-	13
	number, 1987	855	130	218	231	-	276
	number, 1982	854	(D)	263	(D)	-	324
50 to 99	farms, 1987	10	1	4	4	-	1
	farms, 1982	13	6	3	2	-	2
	number, 1987	638	(D)	249	(D)	-	(D)
	number, 1982	(D)	414	219	(D)	-	(D)
100 to 199	farms, 1987	13	4	5	4	-	-
	farms, 1982	10	3	4	3	-	-
	number, 1987	(D)	(D)	655	(D)	-	-
	number, 1982	(D)	300	520	(D)	-	-
200 to 499	farms, 1987	16	7	6	1	-	2
	farms, 1982	13	6	3	2	-	2
	number, 1987	(D)	2 432	1 874	(D)	-	(D)
	number, 1982	(D)	2 341	867	(D)	-	(D)
500 or more	farms, 1987	1	1	-	-	-	-
	farms, 1982	1	1	-	-	-	-
	number, 1987	(D)	(D)	-	-	-	-
	number, 1982	(D)	(D)	-	-	-	-
Cows and heifers that had calved	farms, 1987	142	18	51	32	1	40
	farms, 1982	167	21	54	42	3	47
	number, 1987	4 912	1 736	1 890	752	(D)	(D)
	number, 1982	3 957	1 597	1 090	706	10	554
Beef cows	farms, 1987	112	16	37	25	1	33
	farms, 1982	129	20	37	35	2	35
	number, 1987	3 199	(D)	435	532	(D)	508
	number, 1982	2 994	(D)	278	603	(D)	514
1987 farms by inventory:							
1 to 9	farms	65	-	29	13	1	22
	number	262	-	118	(D)	(D)	75
10 to 19	farms	14	2	3	3	-	6
	number	(D)	(D)	53	34	-	68
20 to 49	farms	12	2	3	4	-	3
	number	371	(D)	(D)	83	-	(D)
50 to 99	farms	7	2	1	4	-	-
	number	414	(D)	(D)	(D)	-	-
100 to 199	farms	13	9	1	1	-	2
	number	1 718	1 253	(D)	(D)	-	(D)
200 to 499	farms	1	1	-	-	-	-
	number	(D)	(D)	-	-	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Milk cows	farms, 1987	50	3	20	11	2	16
	farms, 1982	64	4	26	13		19
	number, 1987	1 713	(D)	1 455	220	2	(D)
	number, 1982	963	(D)	812	103	(D)	40
1987 farms by inventory:							
1 to 9	farms	36	2	10	8	-	16
	number	(D)	(D)	21	14	-	(D)
10 to 19	farms	1	1	-	-	-	-
	number	(D)	(D)	-	-	-	-
20 to 49	farms	2	-	1	1	-	-
	number	(D)	-	(D)	(D)	-	-
50 to 99	farms	5	-	3	2	-	-
	number	417	-	(D)	(D)	-	-
100 to 199	farms	3	-	3	-	-	-
	number	346	-	346	-	-	-
200 to 499	farms	3	-	3	-	-	-
	number	820	-	820	-	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Heifers and heifer calves	farms, 1987	122	16	45	33	1	27
	farms, 1982	148	19	53	38	1	37
	number, 1987	2 429	939	936	343	(D)	(D)
	number, 1982	2 594	999	812	473	(D)	(D)
Steers, steer calves, bulls, and bull calves	farms, 1987	141	18	52	34	1	36
	farms, 1982	164	20	60	39	2	43
	number, 1987	2 092	964	439	424	(D)	(D)
	number, 1982	2 178	1 058	366	368	(D)	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inl Seward Ar
SALES							
Dairy products sold	farms, 1987	25	1	13	6	-	
	1982	32	-	12	7	-	1
	$1,000, 1987	4 814	(D)	(D)	420	-	
	1982	2 550	-	(D)	(D)	-	(D
Cattle and calves sold	farms, 1987	134	18	56	30	-	3
	1982	151	20	52	36	1	4
	number, 1987	2 538	617	930	686	-	30
	1982	1 640	(D)	574	468	(D)	38
	$1,000, 1987	1 168	261	408	350	-	14
	1982	651	(D)	207	183	(D)	17
1987 farms by number sold:							
1 to 9	farms	80	7	35	17	-	21
	number	303	42	117	80	-	64
10 to 19	farms	23	6	7	5	-	5
	number	299	(D)	93	(D)	-	68
20 to 49	farms	14	1	8	3	-	2
	number	449	(D)	247	118	-	(D)
50 to 99	farms	14	3	5	4	-	2
	number	953	211	(D)	311	-	(D)
100 to 199	farms	2	-	1	1	-	-
	number	(D)	-	(D)	(D)	-	-
200 to 499	farms	1	1	-	-	-	-
	number	(D)	(D)	-	-	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Calves sold	farms, 1987	53	9	30	7	-	7
	1982	53	3	16	17	1	16
	number, 1987	766	178	352	223	-	13
	1982	495	(D)	142	236	(D)	55
	$1,000, 1987	181	54	47	77	-	3
	1982	94	(D)	15	54	(D)	7
1987 farms by number sold:							
1 to 9	farms	37	6	21	3	-	7
	number	119	34	62	10	-	13
10 to 19	farms	4	-	4	-	-	-
	number	49	-	49	-	-	-
20 to 49	farms	7	1	3	3	-	-
	number	222	(D)	(D)	(D)	-	-
50 to 99	farms	4	2	1	1	-	-
	number	(D)	(D)	(D)	(D)	-	-
100 to 199	farms	1	-	1	-	-	-
	number	(D)	-	(D)	-	-	-
200 to 499	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Cattle sold	farms, 1987	115	16	49	24	-	26
	1982	138	20	47	31	1	39
	number, 1987	1 772	439	578	463	-	292
	1982	1 145	(D)	432	232	(D)	331
	$1,000, 1987	987	207	362	273	-	145
	1982	557	(D)	192	130	(D)	165
1987 farms by number sold:							
1 to 9	farms	74	9	32	16	-	17
	number	292	51	109	80	-	52
10 to 19	farms	20	3	8	4	-	5
	number	265	36	105	57	-	67
20 to 49	farms	12	2	8	-	-	2
	number	(D)	(D)	(D)	-	-	(D)
50 to 99	farms	7	1	1	3	-	2
	number	(D)	(D)	(D)	(D)	-	(D)
100 to 199	farms	1	-	-	1	-	-
	number	(D)	-	-	(D)	-	-
200 to 499	farms	1	1	-	-	-	-
	number	(D)	(D)	-	-	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Cattle fattened on grain and concentrates sold	farms, 1987	34	-	14	15	-	5
	1982	50	2	24	13	-	11
	number, 1987	447	-	55	339	-	53
	1982	315	(D)	116	(D)	-	111
	$1,000, 1987	285	-	30	224	-	30
	1982	190	(D)	70	(D)	-	72
1987 farms by number sold:							
1 to 9	farms	27	-	13	10	-	4
	number	91	-	(D)	38	-	(D)
10 to 19	farms	3	-	1	2	-	-
	number	40	-	(D)	(D)	-	-
20 to 49	farms	1	-	-	-	-	1
	number	(D)	-	-	-	-	(D)
50 to 99	farms	2	-	-	2	-	-
	number	(D)	-	-	(D)	-	-
100 to 199	farms	1	-	-	1	-	-
	number	(D)	-	-	(D)	-	-
200 to 499	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
INVENTORY							
Hogs and pigs	farms, 1987	45	3	24	9	1	8
	1982	88	3	33	25	3	24
	number, 1987	573	(D)	310	88	(D)	68
	1982	3 741	14	1 656	1 606	18	247
Farms by inventory:							
1 to 24	farms, 1987	37	2	19	8	1	7
	1982	69	3	24	18	3	21
	number, 1987	219	(D)	124	(D)	(D)	(D)
	1982	473	14	(D)	(D)	18	137
25 to 49	farms, 1987	5	-	4	-	-	1
	1982	8	-	4	1	-	3
	number, 1987	(D)	-	(D)	-	-	(D)
	1982	282	-	(D)	(D)	-	110
50 to 99	farms, 1987	3	1	1	1	-	-
	1982	7	-	3	4	-	-
	number, 1987	(D)	(D)	(D)	(D)	-	-
	1982	456	-	179	277	-	-
100 to 199	farms, 1987	-	-	-	-	-	-
	1982	1	-	1	-	-	-
	number, 1987	-	-	-	-	-	-
	1982	(D)	-	(D)	-	-	-
200 to 499	farms, 1987	-	-	-	-	-	-
	1982	1	-	-	1	-	-
	number, 1987	-	-	-	-	-	-
	1982	(D)	-	-	(D)	-	-
500 to 999	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	number, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
1,000 or more	farms, 1987	-	-	-	-	-	-
	1982	2	-	1	1	-	-
	number, 1987	-	-	-	-	-	-
	1982	(D)	-	(D)	(D)	-	-
Hogs and pigs used or to be used for breeding	farms, 1987	23	3	12	3	1	4
	1982	56	3	20	15	3	15
	number, 1987	144	28	75	(D)	(D)	22
	1982	644	(D)	346	218	(D)	59
1987 farms by inventory:							
1 to 24		23	3	12	3	1	4
25 to 49		-	-	-	-	-	-
50 to 99		-	-	-	-	-	-
100 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Other hogs and pigs	farms, 1987	40	3	22	8	1	6
	1982	81	1	31	24	2	23
	number, 1987	429	(D)	235	(D)	(D)	46
	1982	3 097	(D)	1 310	1 588	(D)	188
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	farms, 1987	25	3	14	3	1	4
	1982	55	1	20	16	3	15
	number, 1987	170	(D)	93	(D)	(D)	33
	1982	857	(D)	(D)	302	4	55
Dec. 1 of preceding year and May 31	farms, 1987	24	3	13	3	1	4
	1982	48	1	16	14	2	15
	number, 1987	103	(D)	57	(D)	(D)	(D)
	1982	460	(D)	(D)	160	(D)	34
June 1 and Nov. 30	farms, 1987	17	2	9	2	1	3
	1982	37	1	14	13	1	8
	number, 1987	67	(D)	36	(D)	(D)	(D)
	1982	397	(D)	(D)	142	(D)	21
SALES							
Hogs and pigs sold	farms, 1987	37	3	19	6	1	8
	1982	70	1	29	20	2	18
	number, 1987	1 100	(D)	648	(D)	(D)	237
	1982	6 244	(D)	(D)	2 054	(D)	299
	$1,000, 1987	118	(D)	89	16	(D)	24
	1982	812	(D)	(D)	254	(D)	34
1987 farms by number sold:							
1 to 24	farms	24	2	11	5	1	5
	number	144	(D)	75	21	(D)	26
25 to 49	farms	3	-	2	-	-	1
	number	105	-	(D)	-	-	(D)
50 to 99	farms	6	1	4	-	-	1
	number	386	(D)	(D)	-	-	(D)
100 to 199	farms	4	-	2	1	-	1
	number	465	-	(D)	(D)	-	(D)
200 to 499	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
500 to 999	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
1,000 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Feeder pigs sold	farms, 1987	10	2	7	-	-	1
	1982	28	-	10	8	1	9
	number, 1987	(D)	(D)	234	-	-	(D)
	1982	574	-	(D)	266	(D)	104
	$1,000, 1987	14	(D)	13	-	-	(D)
	1982	32	-	(D)	15	(D)	6
Hogs and pigs other than feeder pigs sold	farms, 1987	33	3	16	6	1	7
	1982	59	1	25	18	1	14
	number, 1987	(D)	(D)	414	(D)	(D)	(D)
	1982	5 670	(D)	(D)	1 788	(D)	195
	$1,000, 1987	104	(D)	56	16	(D)	(D)
	1982	780	(D)	(D)	239	(D)	27

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
Sheep and lambs inventory	farms, 1987	27	2	11	9	-	5
	1982	21	2	9	7	-	3
	number, 1987	2 394	(D)	260	167	-	(D)
	1982	(D)	(D)	89	84	-	(D)
1987 farms by inventory:							
1 to 24		16	-	7	5	-	4
25 to 99		9	-	4	4	-	1
100 to 299		-	-	-	-	-	-
300 to 999		1	1	-	-	-	-
1,000 or more		1	1	-	-	-	-
Ewes 1 year old or older	farms, 1987	21	2	10	6	-	3
	1982	19	2	8	6	-	3
	number, 1987	1 405	(D)	105	108	-	(D)
	1982	(D)	(D)	53	60	-	(D)
Sheep and lambs shorn	farms, 1987	21	2	10	6	-	3
	1982	16	2	6	5	-	3
	number, 1987	3 551	(D)	178	130	-	(D)
	1982	(D)	(D)	67	75	-	(D)
	pounds of wool, 1987	33 612	(D)	1 535	1 212	-	(D)
	1982	(D)	(D)	546	425	-	(D)
Sheep and lambs sold	farms, 1987	23	2	10	7	-	4
	1982	18	2	6	7	-	3
	number, 1987	(D)	(D)	74	69	-	(D)
	1982	(D)	(D)	60	59	-	(D)
Sheep, lambs, and wool sold	farms, 1987	25	2	12	7	-	4
	1982	20	2	7	8	-	3
	$1,000, 1987	181	(D)	(D)	7	-	2
	1982	(D)	(D)	(D)	4	-	(Z)
Horses and ponies inventory	farms, 1987	229	12	84	64	2	67
	1982	235	14	77	61	6	77
	number, 1987	1 861	(D)	613	423	(D)	414
	1982	2 528	354	480	385	19	1 290
Horses and ponies sold	farms, 1987	72	6	31	20	-	15
	1982	93	6	28	27	-	32
	number, 1987	219	17	90	69	-	43
	1982	248	9	97	77	-	65
	$1,000, 1987	243	8	92	97	-	46
	1982	246	9	106	61	-	70

Table 14. Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
INVENTORY							
Any poultry	farms, 1987	106	3	43	27	4	29
	farms, 1982	141	2	46	44	2	47
Chickens 3 months old or older	farms, 1987	82	2	36	20	4	20
	farms, 1982	110	1	35	34	2	38
	number, 1987	2 385	(D)	943	525	160	(D)
	number, 1982	(D)	(D)	(D)	1 533	(D)	(D)
Hens and pullets of laying age	farms, 1987	81	2	35	20	4	20
	farms, 1982	107	1	34	33	2	37
	number, 1987	2 173	(D)	820	(D)	160	650
	number, 1982	(D)	(D)	(D)	1 427	(D)	(D)
1987 farms by inventory:							
1 to 99		78	2	34	20	4	18
100 to 399		3	-	1	-	-	2
400 to 3,199		-	-	-	-	-	-
3,200 to 9,999		-	-	-	-	-	-
10,000 to 19,999		-	-	-	-	-	-
20,000 to 49,999		-	-	-	-	-	-
50,000 to 99,999		-	-	-	-	-	-
100,000 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1987	11	1	7	1	-	2
	farms, 1982	16	-	7	5	-	4
	number, 1987	212	(D)	123	(D)	-	(D)
	number, 1982	(D)	-	(D)	106	-	(D)
Pullet chicks and pullets under 3 months old	farms, 1987	6	-	3	2	-	1
	farms, 1982	5	-	2	2	-	1
	number, 1987	174	-	(D)	(D)	-	(D)
	number, 1982	153	-	(D)	(D)	-	(D)
Broilers and other meat-type chickens	farms, 1987	21	-	6	8	-	7
	farms, 1982	27	1	9	10	-	7
	number, 1987	1 327	-	89	807	-	431
	number, 1982	(D)	(D)	(D)	578	-	475
Turkeys	farms, 1987	19	2	6	4	3	4
	farms, 1982	25	-	8	8	1	8
	number, 1987	195	(D)	12	43	(D)	75
	number, 1982	214	-	(D)	58	(D)	70
Turkey hens kept for breeding	farms, 1987	5	1	1	-	2	1
	farms, 1982	7	-	1	2	1	3
	number, 1987	22	(D)	(D)	-	(D)	(D)
	number, 1982	19	-	(D)	(D)	(D)	5
Ducks, geese, and other poultry	farms, 1987	52	2	20	13	4	13
	farms, 1982	65	1	25	18	1	20
SALES							
Any poultry sold	farms, 1987	58	1	26	15	2	14
	farms, 1982	98	1	33	32	2	30
	$1,000, 1987	(D)	(D)	(D)	10	(D)	16
	$1,000, 1982	(D)	(D)	487	20	(D)	418
Hens and pullets sold	farms, 1987	16	-	12	1	-	3
	farms, 1982	29	-	13	8	1	7
	number, 1987	(D)	-	(D)	(D)	-	45
	number, 1982	(D)	-	(D)	379	(D)	(D)
Hens and pullets of laying age sold	farms, 1987	15	-	12	1	-	2
	farms, 1982	27	-	11	8	1	7
	number, 1987	(D)	-	(D)	(D)	-	(D)
	number, 1982	(D)	-	(D)	(D)	(D)	(D)
Pullets not of laying age sold	farms, 1987	1	-	-	-	-	1
	farms, 1982	4	-	3	1	-	-
	number, 1987	(D)	-	-	-	-	(D)
	number, 1982	142	-	(D)	(D)	-	-
Broilers and other meat-type chickens sold	farms, 1987	12	-	4	5	-	3
	farms, 1982	19	1	8	7	-	3
	number, 1987	4 141	-	160	(D)	-	(D)
	number, 1982	4 610	(D)	489	(D)	-	450
1987 farms by number sold:							
1 to 1,999		11	-	4	4	-	3
2,000 to 59,999		1	-	-	1	-	-
60,000 to 99,999		-	-	-	-	-	-
100,000 to 199,999		-	-	-	-	-	-
200,000 to 499,999		-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Turkeys sold	farms, 1987	11	-	3	3	1	4
	farms, 1982	13	-	4	6	-	6
	number, 1987	266	-	11	5	(D)	(D)
	number, 1982	165	-	41	68	-	56
Turkeys for slaughter sold	farms, 1987	11	-	3	3	1	4
	farms, 1982	16	-	4	6	-	6
	number, 1987	266	-	11	5	(D)	(D)
	number, 1982	165	-	41	68	-	56
Ducks, geese, and other poultry sold	farms, 1987	17	1	10	3	1	2
	farms, 1982	19	-	7	7	1	4

Table 15. **Selected Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
Harvested cropland	farms, 1987	397	7	179	126	6	79
	1982	395	5	166	126	7	91
	acres, 1987	26 949	174	10 649	15 270	38	2 818
	1982	25 694	131	7 396	14 725	23	3 419
Irrigated	farms, 1987	74	1	44	21	1	7
	1982	46	-	29	14	-	3
	acres, 1987	(D)	(D)	1 174	614	(D)	(D)
	1982	667	-	616	44	-	7
Barley for grain	farms, 1987	35	1	12	22	-	-
	1982	45	-	15	28	-	2
	acres, 1987	5 666	(D)	(D)	5 311	-	-
	1982	6 950	-	(D)	6 601	-	(D)
	bushels, 1987	235 417	(D)	(D)	225 834	-	-
	1982	227 820	-	(D)	217 260	-	(D)
Irrigated	farms, 1987	4	-	2	2	-	-
	1982	-	-	-	-	-	-
	acres, 1987	86	-	(D)	(D)	-	-
	1982	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres		13	-	9	4	-	-
25 to 99 acres		9	1	2	6	-	-
100 to 249 acres		6	-	1	5	-	-
250 acres or more		7	-	-	7	-	-
Oats for grain	farms, 1987	21	-	12	9	-	-
	1982	25	-	8	16	-	1
	acres, 1987	749	-	171	578	-	-
	1982	792	-	(D)	695	-	(D)
	bushels, 1987	44 463	-	9 444	35 019	-	-
	1982	29 556	-	(D)	25 281	-	(D)
Irrigated	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres		13	-	10	3	-	-
25 to 99 acres		5	-	2	3	-	-
100 to 249 acres		3	-	-	3	-	-
250 acres or more		-	-	-	-	-	-
Irish potatoes	farms, 1987	54	1	32	15	2	4
	1982	54	1	27	16	2	8
	acres, 1987	743	(D)	637	103	(D)	(D)
	1982	511	(D)	366	107	(D)	33
	cwt, 1987	145 635	(D)	131 708	13 589	(D)	268
	1982	82 259	(D)	67 768	10 583	(D)	3 300
Irrigated	farms, 1987	16	-	11	4	-	1
	1982	9	-	6	2	-	1
	acres, 1987	238	-	205	(D)	-	(D)
	1982	114	-	113	(D)	-	(D)
1987 farms by acres harvested:							
0.1 to 4.9 acres		29	1	14	8	2	4
5.0 to 24.9 acres		15	-	9	6	-	-
25.0 to 99.9 acres		8	-	7	1	-	-
100.0 acres or more		2	-	2	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	290	3	120	98	2	67
	1982	307	4	122	95	4	82
	acres, 1987	21 254	(D)	9 180	9 091	(D)	2 832
	1982	17 [illegible]	130	6 580	7 141	13	3 384
	tons, dry, 1987	[illegible]	(D)	14 169	11 007	(D)	3 313
	1982	[illegible]	116	8 814	7 532	15	3 249
Irrigated	farms, 1987	6	-	4	2	-	-
	1982	4	-	4	-	-	-
	acres, 1987	898	-	(D)	(D)	-	-
	1982	583	-	583	-	-	-
1987 farms by acres harvested:							
1 to 24 acres		117	1	49	35	2	30
25 to 99 acres		112	2	45	38	-	27
100 to 249 acres		43	-	17	16	-	10
250 acres or more		18	-	9	9	-	-
Vegetables harvested for sale (see text)	farms, 1987	46	-	25	14	3	4
	1982	41	-	23	15	2	1
	acres, 1987	347	-	286	52	(D)	(D)
	1982	246	-	204	39	(D)	(D)
Irrigated	farms, 1987	25	-	14	10	-	1
	1982	20	-	11	8	-	1
	acres, 1987	268	-	223	(D)	-	(D)
	1982	175	-	147	(D)	-	(D)
1987 farms by acres harvested:							
0.1 to 4.9 acres		32	-	13	12	3	4
5.0 to 24.9 acres		9	-	8	1	-	-
25.0 to 99.9 acres		5	-	4	1	-	-
100.0 acres or more		-	-	-	-	-	-

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
FARMS AND LAND IN FARMS							
Land in farms	farms, 1987	167	9	80	62	-	16
	farms, 1982	108	3	52	40	-	13
	acres, 1987	569 691	454 334	20 349	62 679	-	32 329
	acres, 1982	393 975	(D)	12 383	53 144	-	(D)
Average size of farm	acres, 1987	3 411	50 482	254	1 011	-	2 021
	acres, 1982	3 648	(D)	238	1 329	-	(D)
Value of land and buildings[1]:							
Average per farm	dollars, 1987	871 916	4 619 444	581 238	720 000	-	806 000
	dollars, 1982	606 287	1 483 333	735 846	797 025	-	960 308
Average per acre	dollars, 1987	256	92	2 285	712	-	399
	dollars, 1982	221	(D)	(D)	600	-	466
Total cropland	farms, 1987	150	3	74	57	-	16
	farms, 1982	102	1	50	39	-	12
	acres, 1987	45 810	(D)	(D)	32 835	-	1 468
	acres, 1982	35 677	(D)	5 875	28 344	-	(D)
Harvested cropland	farms, 1987	143	3	74	52	-	14
	farms, 1982	100	1	49	38	-	12
	acres, 1987	21 407	(D)	8 053	12 249	-	(D)
	acres, 1982	16 514	(D)	(D)	11 577	-	861
Irrigated land	farms, 1987	47	-	31	13	-	3
	farms, 1982	26	-	18	7	-	1
	acres, 1987	1 756	-	1 145	(D)	-	(D)
	acres, 1982	(D)	-	541	(D)	-	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	$1,000, 1987	16 945	604	12 672	3 223	-	446
	$1,000, 1982	10 146	(D)	6 942	(D)	-	760
Average per farm	dollars, 1987	101 464	67 084	158 401	51 980	-	27 870
	dollars, 1982	93 943	(D)	133 493	(D)	-	58 465
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops	farms	128	1	67	49	-	11
	$1,000	10 234	(D)	7 514	2 347	-	(D)
Grains	farms	25	-	8	16	-	-
	$1,000	812	-	(D)	(D)	-	-
Corn for grain	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Wheat	farms	3	-	2	1	-	-
	$1,000	(D)	-	(D)	(D)	-	-
Soybeans	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sorghum for grain	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Barley	farms	19	-	4	15	-	-
	$1,000	706	-	(D)	(D)	-	-
Oats	farms	10	-	5	5	-	-
	$1,000	(D)	-	(D)	(D)	-	-
Other grains	farms	2	-	1	1	-	-
	$1,000	(D)	-	(D)	(D)	-	-
Cotton and cottonseed	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Hay, silage, and field seeds	farms	72	-	35	30	-	7
	$1,000	1 852	-	1 003	784	-	65
Vegetables, sweet corn, and melons	farms	27	-	19	8	-	-
	$1,000	748	-	(D)	(D)	-	-
Fruits, nuts, and berries	farms	6	-	3	3	-	-
	$1,000	8	-	(D)	(D)	-	-
Nursery and greenhouse crops	farms	44	1	26	12	-	5
	$1,000	5 459	(D)	4 637	515	-	(D)
Other crops	farms	32	-	22	10	-	-
	$1,000	1 355	-	1 181	174	-	-
Livestock, poultry, and their products	farms	79	8	34	29	-	8
	$1,000	6 711	(D)	5 158	876	-	(D)
Poultry and poultry products	farms	10	-	3	6	-	1
	$1,000	(D)	-	(D)	(D)	-	(D)
Dairy products	farms	17	1	10	5	-	1
	$1,000	4 802	(D)	4 353	(D)	-	(D)
Cattle and calves	farms	54	7	25	16	-	6
	$1,000	942	214	338	300	-	90
Hogs and pigs	farms	12	2	6	2	-	2
	$1,000	70	(D)	37	(D)	-	(D)
Sheep, lambs, and wool	farms	9	2	4	2	-	1
	$1,000	(D)	(D)	(D)	(D)	-	(D)
Other livestock and livestock products (see text)	farms	26	3	10	12	-	1
	$1,000	390	(D)	108	134	-	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)		10	-	-	10	-	-
Field crops, except cash grains (013)		58	-	32	22	-	4
Cotton (0131)		-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		58	-	32	22	-	4
Vegetables and melons (016)		8	-	5	3	-	-
Fruits and tree nuts (017)		-	-	-	-	-	-
Horticultural specialties (018)		34	1	20	8	-	5
General farms, primarily crop (019)		7	-	4	3	-	-
Livestock, except dairy, poultry, and animal specialties (021)		19	6	4	4	-	5
Beef cattle, except feedlots (0212)		13	4	3	3	-	3
Dairy farms (024)		14	1	10	3	-	-
Poultry and eggs (025)		2	-	1	-	-	1
Animal specialties (027)		15	1	4	9	-	1
General farms, primarily livestock and animal specialties (029)		-	-	-	-	-	-
FARMS BY SIZE							
1 to 9 acres	1987	24	1	14	6	-	3
	1982	12	-	10	2	-	-
10 to 49 acres	1987	19	1	11	5	-	2
	1982	6	-	5	-	-	1
50 to 69 acres	1987	4	-	4	-	-	-
	1982	4	-	3	-	-	1
70 to 99 acres	1987	8	-	6	1	-	1
	1982	5	-	4	1	-	-
100 to 139 acres	1987	12	-	6	4	-	2
	1982	12	-	5	4	-	3
140 to 179 acres	1987	15	-	6	8	-	1
	1982	10	-	1	6	-	3
180 to 219 acres	1987	1	-	-	-	-	1
	1982	3	-	1	1	-	1
220 to 259 acres	1987	8	-	5	3	-	-
	1982	4	-	1	3	-	-
260 to 499 acres	1987	28	-	16	12	-	-
	1982	21	-	17	4	-	-
500 to 999 acres	1987	15	1	7	5	-	2
	1982	8	-	3	4	-	1
1,000 to 1,999 acres	1987	11	-	5	5	-	1
	1982	6	-	2	3	-	1
2,000 acres or more	1987	22	6	-	13	-	3
	1982	17	3	-	12	-	2
TENURE OF OPERATOR							
Full owners	farms, 1987	103	4	46	44	-	9
	1982	63	1	26	32	-	4
	acres, 1987	179 352	(D)	8 699	40 145	-	(D)
	1982	177 835	(D)	5 157	43 652	-	(D)
Part owners	farms, 1987	46	3	24	13	-	6
	1982	34	2	20	5	-	7
	acres, 1987	268 056	209 847	10 224	18 077	-	29 908
	1982	211 586	(D)	(D)	7 202	-	24 841
Tenants	farms, 1987	18	2	10	5	-	1
	1982	11	-	6	3	-	2
	acres, 1987	122 283	(D)	1 426	4 457	-	(D)
	1982	4 554	-	(D)	2 290	-	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	1987	124	3	56	51	-	14
	1982	76	2	34	29	-	11
Not on farm operated	1987	35	4	21	10	-	-
	1982	20	-	11	8	-	1
Not reported	1987	8	2	3	1	-	2
	1982	12	1	7	3	-	1
Operators by principal occupation:							
Farming	1987	111	5	50	46	-	10
	1982	83	2	41	30	-	10
Other	1987	56	4	30	16	-	6
	1982	25	1	11	10	-	3
Operators by days of work off farm:							
None	1987	77	1	45	28	-	3
	1982	53	2	27	19	-	5
Any	1987	80	7	30	32	-	11
	1982	46	1	21	17	-	7
1 to 49 days	1987	19	-	2	12	-	5
	1982	10	-	4	3	-	3
50 to 99 days	1987	7	1	1	4	-	1
	1982	6	-	3	2	-	1
100 to 149 days	1987	9	2	2	4	-	1
	1982	4	-	2	2	-	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
OPERATOR CHARACTERISTICS—Con.							
Operators by days of work off farm—Con.							
Any—Con.	1987	12	1	6	5	-	-
	1982	7	-	1	4	-	2
150 to 199 days	1987	33	3	19	7	-	4
	1982	19	1	11	6	-	1
200 days or more	1987	10	1	5	2	-	2
	1982	9	-	4	4	-	1
Not reported	1987					-	-
	1982					-	-
1987 operators by years on present farm:							
2 years or less		7	1	4	2	-	-
3 or 4 years		11	1	8	2	-	2
5 to 9 years		47	2	18	25	-	6
10 years or more		67	3	37	21	-	13.3
Average years on present farm		14.0	9.7	14.6	13.8	-	8
Not reported		35	2	13	12	-	-
1987 operators by age group:							
Under 25 years		1	-	-	1	-	1
25 to 34 years		16	-	9	6	-	4
35 to 44 years		40	1	17	18	-	8
45 to 54 years		49	5	22	14	-	2
55 to 64 years		39	2	19	16	-	1
65 years and over		22	1	13	7	-	46.9
Average age		49.7	51.7	50.9	48.6	-	
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	farms, 1987	118	4	52	50	-	12
	farms, 1982	76	1	35	30	-	10
	acres, 1987	320 775	234 257	12 618	53 532	-	20 368
	acres, 1982	228 398	(D)	(D)	48 615	-	19 931
Partnership	farms, 1987	23	2	12	7	-	2
	farms, 1982	10	-	6	4	-	-
	acres, 1987	74 643	(D)	2 500	(D)	-	(D)
	acres, 1982	(D)	-	(D)	2 214	-	-
Corporation:							
Family held	farms, 1987	12	1	7	3	-	1
	farms, 1982	13	1	7	5	-	-
	acres, 1987	35 067	(D)	(D)	5 259	-	(D)
	acres, 1982	(D)	(D)	(D)	(D)	-	-
Other than family held	farms, 1987	7	2	5	-	-	-
	farms, 1982	5	1	3	-	-	1
	acres, 1987	129 007	(D)	(D)	-	-	-
	acres, 1982	(D)	(D)	(D)	-	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	7	-	4	2	-	1
	farms, 1982	4	-	1	1	-	2
	acres, 1987	10 199	-	2 629	(D)	-	(D)
	acres, 1982	(D)	-	(D)	(D)	-	(D)
1987 FARM PRODUCTION EXPENSES[1]							
Total farm production expenses	farms	167	9	80	62	-	16
	$1,000	12 499	388	8 825	2 903	-	383
Livestock and poultry purchased	farms	38	5	10	17	-	6
	$1,000	218	64	41	90	-	23
Feed for livestock and poultry	farms	69	7	32	23	-	7
	$1,000	2 370	78	2 005	265	-	23
Commercially mixed formula feeds	farms	50	5	24	15	-	6
	$1,000	1 275	29	1 086	152	-	8
Seeds, bulbs, plants, and trees	farms	101	2	52	41	-	6
	$1,000	(D)	(D)	427	142	-	6
Commercial fertilizer	farms	128	1	66	51	-	10
	$1,000	1 091	(D)	443	620	-	(D)
Agricultural chemicals	farms	89	4	48	33	-	4
	$1,000	144	(D)	(D)	31	-	(D)
Petroleum products	farms	163	9	79	59	-	16
	$1,000	868	25	539	248	-	56
Electricity	farms	135	7	67	48	-	13
	$1,000	347	5	265	59	-	18
Hired farm labor	farms	103	5	54	34	-	10
	$1,000	2 518	(D)	2 104	299	-	(D)
Contract labor	farms	45	2	23	19	-	1
	$1,000	(D)	(D)	193	132	-	(D)
Repair and maintenance	farms	152	9	72	57	-	14
	$1,000	731	29	483	193	-	26
Customwork, machine hire, and rental of machinery and equipment	farms	54	-	22	29	-	3
	$1,000	228	-	127	100	-	1
Interest	farms	107	7	45	41	-	14
	$1,000	854	59	481	250	-	64
Cash rent	farms	37	2	22	8	-	5
	$1,000	273	(D)	259	9	-	(D)
Property taxes	farms	152	9	74	54	-	15
	$1,000	370	19	198	135	-	16
All other farm production expenses	farms	166	9	80	61	-	16
	$1,000	1 569	44	1 160	330	-	34

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment	farms, 1987	167	9	80	62	-	16
	1982	108	3	52	40	-	13
	$1,000, 1987	14 271	342	6 557	6 243	-	1 129
	1982	9 632	50	3 987	4 760	-	834
Average per farm	dollars, 1987	85 457	38 019	81 959	100 694	-	70 583
	1982	89 183	16 667	76 679	119 006	-	64 166
Motortrucks, including pickups	farms, 1987	161	8	78	59	-	16
	1982	105	3	50	39	-	13
	number, 1987	463	15	241	174	-	33
	1982	311	7	153	119	-	32
Wheel tractors	farms, 1987	149	8	70	56	-	15
	1982	91	3	41	35	-	12
	number, 1987	479	20	262	157	-	40
	1982	294	5	160	99	-	30
Grain and bean combines[2]	farms, 1987	37	-	15	21	-	1
	1982	22	-	3	19	-	-
	number, 1987	49	-	(D)	31	-	(D)
	1982	27	-	3	24	-	-
LIVESTOCK AND POULTRY							
Cattle and calves inventory	farms, 1987	56	7	22	20	-	7
	1982	41	3	20	13	-	5
	number, 1987	6 393	2 082	2 644	1 065	-	602
	1982	4 679	1 268	1 763	1 067	-	581
Cows and heifers that had calved	farms, 1987	48	7	19	15	-	7
	1982	38	3	17	13	-	5
	number, 1987	3 433	979	1 597	542	-	315
	1982	2 171	492	890	486	-	303
Beef cows	farms, 1987	31	6	8	11	-	6
	1982	25	3	8	10	-	4
	number, 1987	1 762	(D)	155	327	-	(D)
	1982	1 277	(D)	100	(D)	-	(D)
Milk cows	farms, 1987	21	1	12	6	-	2
	1982	18	1	12	3	-	2
	number, 1987	1 671	(D)	1 442	215	-	(D)
	1982	894	(D)	790	(D)	-	(D)
Heifers and heifer calves	farms, 1987	47	7	17	18	-	5
	number, 1987	1 687	566	767	218	-	136
Steers, steer calves, bulls, and bull calves	farms, 1987	46	7	17	17	-	5
	number, 1987	1 273	537	280	305	-	151
Cattle and calves sold	farms, 1987	54	7	25	16	-	6
	1982	38	3	17	13	-	5
	number, 1987	2 043	507	757	601	-	178
	1982	1 010	(D)	403	338	-	(D)
Calves	farms, 1987	26	4	17	4	-	1
	number, 1987	671	(D)	305	213	-	(D)
Cattle	farms, 1987	46	6	23	12	-	5
	1982	35	3	16	11	-	5
	number, 1987	1 372	(D)	452	388	-	(D)
	1982	664	42	306	144	-	172
Fattened on grain and concentrates	farms, 1987	10	-	2	7	-	1
	number, 1987	338	-	(D)	288	-	(D)
Hogs and pigs inventory	farms, 1987	14	2	7	3	-	2
	1982	16	-	7	8	-	1
	number, 1987	354	(D)	157	(D)	-	(D)
	1982	2 957	-	(D)	1 621	-	(D)
Used or to be used for breeding	farms, 1987	8	2	4	1	-	1
	1982	12	-	4	7	-	1
	number, 1987	64	(D)	17	(D)	-	(D)
	1982	476	-	(D)	178	-	(D)
Other	farms, 1987	14	2	7	3	-	2
	1982	16	-	7	8	-	1
	number, 1987	290	(D)	140	(D)	-	(D)
	1982	2 481	-	(D)	1 443	-	(D)
Hogs and pigs sold	farms, 1987	12	2	6	2	-	2
	1982	13	-	5	7	-	1
	number, 1987	573	(D)	263	(D)	-	(D)
	1982	5 536	-	(D)	1 925	-	(D)
Feeder pigs	farms, 1987	3	1	2	-	-	-
	1982	4	-	1	3	-	-
	number, 1987	41	(D)	(D)	-	-	-
	1982	281	-	(D)	(D)	-	-
Sheep and lambs inventory	farms, 1987	9	2	4	2	-	1
	1982	5	2	-	3	-	-
	number, 1987	2 094	(D)	89	(D)	-	(D)
	1982	(D)	(D)	-	54	-	-
Sheep and lambs sold	farms, 1987	8	2	3	2	-	1
	1982	6	2	-	4	-	-
	number, 1987	(D)	(D)	(D)	(D)	-	(D)
	1982	(D)	(D)	-	40	-	-
Hens and pullets of laying age inventory	farms, 1987	16	1	5	9	-	1
	1982	11	1	6	2	-	2
	number, 1987	(D)	(D)	193	246	-	(D)
	1982	(D)	(D)	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold	farms, 1987	5	-	-	4	-	1
	1982	2	-	1	1	-	-
	number, 1987	(D)	-	-	(D)	-	(D)
	1982	(D)	-	(D)	(D)	-	-

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item		Alaska	Aleutian Islands Area	Anchorage Area	Fairbanks Area	Juneau Area	Kenai-Cook Inlet, Seward Area
CROPS HARVESTED							
Barley for grain	farms, 1987	24	1	6	17	-	-
	1982	24	-	5	19	-	-
	acres, 1987	5 388	(D)	(D)	5 131	-	-
	1982	6 650	-	171	6 479	-	-
	bushels, 1987	227 477	(D)	(D)	220 024	-	-
	1982	220 236	-	5 290	214 946	-	-
Oats for grain	farms, 1987	12	-	6	6	-	-
	1982	8	-	1	7	-	-
	acres, 1987	702	-	147	555	-	-
	1982	582	-	(D)	(D)	-	-
	bushels, 1987	43 086	-	8 309	34 777	-	-
	1982	25 105	-	(D)	(D)	-	-
Irish potatoes	farms, 1987	31	-	22	9	-	2
	1982	19	-	12	5	-	-
	acres, 1987	686	-	597	89	-	(D)
	1982	398	-	284	(D)	-	-
	cwt, 1987	141 283	-	129 699	11 584	-	(D)
	1982	74 904	-	63 344	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	88	1	40	37	-	10
	1982	61	1	28	23	-	9
	acres, 1987	14 153	(D)	6 758	6 357	-	(D)
	1982	(D)	(D)	3 550	(D)	-	829
	tons, dry, 1987	21 665	(D)	11 691	8 644	-	(D)
	1982	(D)	(D)	6 209	(D)	-	797
Vegetables harvested for sale (see text)	farms, 1987	27	-	19	8	-	-
	1982	19	-	13	6	-	-
	acres, 1987	306	-	261	46	-	-
	1982	222	-	193	29	-	-

[1]Data are based on a sample of farms.
[2]Data for 1982 include self-propelled only.

Table 17. Milk Goats—Inventory and Sales: 1987 and 1982

[Not published for this State]

Table 18. Angora Goats—Inventory and Sales: 1987 and 1982

[Not published for this State]

Table 19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982

[Not published for this State]

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Inventory		Sales					
				Colonies of bees		Honey			
		Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL									
Alaska	1987	5	17	1	(D)	3	(D)	3	(D)
	1982	19	83	-	-	7	3 152	(NA)	6

Table 21. Fish Sales: 1987 and 1982

[Not published for this State]

Table 22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
DUCKS					
State Total					
Alaska	1987	36	547	8	114
	1982	34	313	12	382
Areas, 1987					
Anchorage Area		8	(D)	3	(D)
Fairbanks Area		12	202	1	(D)
Kenai-Cook Inlet, Seward Area		10	(D)	2	(D)
All other areas		6	190	2	(D)
GEESE					
State Total					
Alaska	1987	25	246	10	70
	1982	46	234	11	125
Areas, 1987					
Anchorage Area		8	33	5	20
Fairbanks Area		5	67	2	(D)
Kenai-Cook Inlet, Seward Area		8	112	2	(D)
All other areas		4	34	1	(D)
PHEASANTS					
State Total					
Alaska	1987	6	112	3	392
	1982	5	254	3	(D)

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Inventory		Sales		
		Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS						
State Total						
Alaska	1987	12	20	2	(D)	(D)
	1982	9	15	2	(D)	(D)
Areas, 1987						
Anchorage Area		4	6	-	-	-
Fairbanks Area		5	8	2	(D)	(D)
Kenai-Cook Inlet, Seward Area		3	6	-	-	-
GOATS, TOTAL						
State Total						
Alaska	1987	30	211	13	70	(NA)
	1982	48	285	17	108	(NA)
Areas, 1987						
Anchorage Area		16	145	7	50	(NA)
Fairbanks Area		6	15	1	(D)	(NA)
Kenai-Cook Inlet, Seward Area		4	(D)	2	(D)	(NA)
All other areas		4	(D)	3	8	(NA)
GOATS, EXCEPT ANGORA AND MILK						
State Total						
Alaska	1987	21	(D)	7	(D)	4
	1982	9	74	6	59	5
RABBITS AND THEIR PELTS						
State Total						
Alaska	1987	29	574	17	1 310	8
	1982	19	403	11	723	6
Areas, 1987						
Anchorage Area		15	237	9	798	6
Kenai-Cook Inlet, Seward Area		6	(D)	4	(D)	(D)
All other areas		8	(D)	4	(D)	(D)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)										
State Total										
Alaska	35	5 666	235 417	4	86	45	6 950	227 820	-	-
Areas										
Fairbanks Area	22	5 311	225 834	2	(D)	28	6 601	217 260	-	-
All other areas	13	355	9 583	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
OATS FOR GRAIN (BUSHELS)										
State Total										
Alaska	21	749	44 463	-	-	25	792	29 556	-	-
Areas										
Anchorage Area	12	171	9 444	-	-	8	(D)	(D)	-	-
Fairbanks Area	9	578	35 019	-	-	16	695	25 281	-	-

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (CWT)										
State Total										
Alaska	54	743	145 635	16	236	54	511	82 259	9	114
Areas										
Anchorage Area	32	637	131 708	11	205	27	366	67 768	6	113
Fairbanks Area	15	103	13 589	4	(D)	16	107	10 683	2	(D)
Kenai-Cook Inlet, Seward Area	4	(D)	268	1	(D)	8	33	3 300	1	(D)
All other areas	3	(D)	70	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD SEED AND GRASS SEED CROPS										
State Total										
Alaska	13	304	(X)	5	103	5	(D)	(X)	1	(D)
Areas										
Anchorage Area	7	111	(X)	4	(D)	3	(D)	(X)	1	(D)
Fairbanks Area	6	193	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
KENTUCKY BLUEGRASS SEED (POUNDS)										
State Total										
Alaska	8	222	66 024	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Alaska	290	21 254	28 615	6	898	307	17 248	19 726	4	(D)
Areas										
Anchorage Area	120	9 180	14 169	4	(D)	122	6 580	8 814	4	(D)
Fairbanks Area	98	9 091	11 007	2	(D)	95	7 141	7 532	-	-
Kenai-Cook Inlet, Seward Area	67	2 832	3 313	-	-	82	3 384	3 249	-	-
All other areas	5	151	126	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Alaska	52	2 033	2 102	-	-	63	1 871	2 417	1	(D)
Areas										
Anchorage Area	14	485	155	-	-	13	285	645	1	(D)
Fairbanks Area	32	1 524	1 893	-	-	42	1 485	1 638	-	-
All other areas	6	44	54	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Alaska	238	(D)	(D)	6	(D)	249	12 903	14 087	4	(D)
Areas										
Anchorage Area	95	5 275	8 189	4	385	107	4 815	5 717	4	(D)
Fairbanks Area	78	6 920	8 260	2	(D)	69	5 103	5 488	–	–
Kenai-Cook Inlet, Seward Area	62	2 248	2 737	–	–	69	2 868	2 779	–	–
All other areas	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
WILD HAY (TONS, DRY)										
State Total										
Alaska	43	1 407	1 270	–	–	41	1 090	828	1	(D)
Areas										
Anchorage Area	18	514	430	–	–	17	408	338	1	(D)
Fairbanks Area	7	(D)	(D)	–	–	6	(D)	(D)	–	–
Kenai-Cook Inlet, Seward Area	15	489	504	–	–	15	359	287	–	–
All other areas	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Alaska	22	(D)	(D)	1	(D)	18	1 384	7 182	1	(D)
Areas										
Anchorage Area	17	2 926	16 186	1	(D)	12	1 072	6 342	1	(D)
All other areas	5	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)								
State Total								
Alaska	46	341	25	265	41	248	20	174
Areas								
Anchorage Area	25	284	14	222	23	205	11	147
Fairbanks Area	14	49	10	(D)	15	38	8	(D)
Juneau Area	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Kenai-Cook Inlet, Seward Area	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Alaska	46	347	25	268	41	248	20	175
Areas								
Anchorage Area	25	286	14	223	23	204	11	147
Fairbanks Area	14	52	10	(D)	15	39	8	(D)
Juneau Area	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Kenai-Cook Inlet, Seward Area	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	A
BROCCOLI								
State Total								
Alaska	21	39	12	29	9	9	6	
Areas								
Anchorage Area	10	26	6	22	4	(D)	3	
Fairbanks Area	8	10	5	(D)	4	(D)	2	
All other areas	3	2	1	(D)	(NA)	(NA)	(NA)	(
HEAD CABBAGE								
State Total								
Alaska	24	47	13	33	19	36	10	
Areas								
Anchorage Area	12	42	7	29	10	31	4	
Fairbanks Area	7	5	5	(D)	7	(D)	5	
All other areas	5	1	1	(D)	(NA)	(NA)	(NA)	(N
CARROTS								
State Total								
Alaska	23	22	11	16	18	17	10	
Areas								
Anchorage Area	12	17	8	(D)	9	11	4	(
Fairbanks Area	6	5	5	(D)	7	(D)	6	(
All other areas	5	1	-	-	(NA)	(NA)	(NA)	(N
CAULIFLOWER								
State Total								
Alaska	17	12	10	10	8	4	4	
Areas								
Anchorage Area	8	9	5	8	4	3	3	(
Fairbanks Area	6	2	4	(D)	3	(D)	-	
All other areas	3	1	1	(D)	(NA)	(NA)	(NA)	(N
LETTUCE AND ROMAINE								
State Total								
Alaska	18	136	9	117	21	136	10	1
Areas								
Anchorage Area	11	113	6	95	14	(D)	7	(
Fairbanks Area	4	(D)	2	(D)	7	(D)	3	(
All other areas	3	(D)	1	(D)	(NA)	(NA)	(NA)	(N
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Alaska	10	24	4	(D)	8	5	4	
SQUASH								
State Total								
Alaska	13	6	9	5	6	4	2	(

Table 28. **Fruits and Nuts: 1987 and 1982**

[Not published for this State]

Table 29. Berries Harvested for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
STRAWBERRIES (POUNDS)										
State Total										
Alaska	16	(D)	(D)	6	(D)	14	6	12 907	6	(D)
Areas										
Anchorage Area	4	2	1 200	1	(D)	3	1	320	1	(D)
Fairbanks Area	5	(D)	(D)	4	(D)	6	3	8 507	4	(D)
Juneau Area	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kenai-Cook Inlet, Seward Area	4	2	1 094	1	(D)	3	2	(D)	1	(D)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
Alaska	75	943 236	74	5 549	66	482 730	39	3 033
Areas								
Anchorage Area	42	749 951	32	4 687	34	312 266	31	2 205
Fairbanks Area	17	127 054	24	526	21	(D)	(D)	686
Kenai-Cook Inlet, Seward Area	11	(D)	(D)	267	7	(D)	(D)	(D)
All other areas	5	(D)	(D)	69	(NA)	(NA)	(NA)	(NA)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								
Alaska	13	(X)	45	(X)	7	(X)	21	(X)
Areas								
Anchorage Area	5	(X)	12	(X)	3	(X)	(D)	(X)
Fairbanks Area	5	(X)	(D)	(X)	3	(X)	(D)	(X)
All other areas	3	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
BEDDING PLANTS								
State Total								
Alaska	48	719 805	(D)	4 314	35	318 223	(D)	1 931
Areas								
Anchorage Area	26	619 764	(D)	3 753	15	203 710	-	1 307
Fairbanks Area	11	65 938	-	371	13	61 665	(D)	559
Kenai-Cook Inlet, Seward Area	7	30 795	-	158	4	(D)	-	(D)
All other areas	4	3 306	1	33	(NA)	(NA)	(NA)	(NA)
FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL								
State Total								
Alaska	19	97 692	(D)	450	10	53 800	(D)	(D)
Areas								
Anchorage Area	9	60 900	-	312	8	(D)	(D)	(D)
Fairbanks Area	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Kenai-Cook Inlet, Seward Area	4	27 920	(D)	86	(NA)	(NA)	(NA)	(NA)
All other areas	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sa ($1,0
FOLIAGE PLANTS								
State Total								
Alaska	5	24 200	-	172	(NA)	(NA)	(NA)	(N
POTTED FLOWERING PLANTS								
State Total								
Alaska	17	73 492	(D)	277	(NA)	(NA)	(NA)	(N
NURSERY CROPS								
State Total								
Alaska	19	9 300	66	430	13	16 190	35	14
Areas								
Anchorage Area	10	9 300	26	395	9	14 690	27	5
Fairbanks Area	5	-	(D)	13	3	-	(D)	(D
All other areas	4	-	(D)	22	(NA)	(NA)	(NA)	(NA
GREENHOUSE VEGETABLES								
State Total								
Alaska	19	72 231	(X)	129	21	79 856	(X)	12

Table 31. Other Crops: 1987 and 1982

[Not published for this State]

Table 32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		Less than $2,500	$2,500 to $9,999	$10,000 or more	Less than $2,500	$2,500 to $9,999	$10,000 mor
STATE TOTAL											
Alaska 1987	6	129 098	2	(D)	267	1	2	-	-	-	
1982	6	128 776	2	(D)	138	2	-	-	2	1	
AREAS, 1987											
Aleutian Islands Area	3	128 833	-	-	(D)	1	-	-	-	-	
All other areas	3	265	2	(D)	(D)	-	2	-	-	-	

Table 33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
STATE TOTAL									
Alaska 1987	4	(D)	(D)	–	–	–	2	(D)	(D)
Alaska 1982	4	(D)	(D)	1	(D)	–	1	(D)	–

Table 34. Operators by Selected Racial Groups: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more[1]	
	Farms	Land in farms	Farms	Land in farms
AMERICAN INDIAN				
State Total				
Alaska 1987	4	(D)	1	(D)
Alaska 1982	4	(D)	1	(D)
OTHER RACES (SEE TEXT)				
State Total				
Alaska 1987	2	(D)	2	(D)
Alaska 1982	2	(D)	–	–

[1]Data for 1982 exclude abnormal farms.

Table 35. Operators of Spanish Origin: 1987 and 1982

[For classification of Spanish origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more[1]	
	Farms	Land in farms	Farms	Land in farms
STATE TOTAL				
Alaska 1987	5	5 969	2	(D)
Alaska 1982	5	5 792	–	–

[1]Data for 1982 exclude abnormal farms.

Table 36. Farms With Grazing Permits: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Farms by land in farms						Source of permits			
	Farms	Acres	Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Forest service	Taylor grazing	Indian land	Other
Alaska	**12**	**18 692**	**1**	**2**	**–**	**3**	**4**	**2**	**1**	**2**	**–**	**9**
Kenai-Cook Inlet, Seward Area	7	(D)	1	1	–	1	3	1	1	–	–	6
All other areas	5	(D)	–	1	–	2	1	1	–	2	–	3

APPENDIX A.
General Explanation

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DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms. The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of

which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988. Telephone calls were made to all farms who had not responded.

DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on nonsample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

- Income from farm-related sources
- Acres under the Conservation Reserve Program
- Payments received for participation in federal farm programs
- Grazing permits by source

Additional data on production expenses were added in 1987:

- Repair and maintenance expenses
- Cash rent
- Property taxes paid
- All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

- Storage capacity for petroleum products
- Number of hired farm and ranch workers
- Value of agricultural products sold directly to individuals for human consumption
- Source of irrigation water
- Tons of commercially mixed feed
- Expenditures for coal, wood, and coke
- Selected machinery items: automobiles, corn heads for combines, and field forage harvesters
- Chinchillas
- Worms
- Tropical and baitfish

FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling $2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size

and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and nonfarms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves	farms	842
	number	28,594

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Value of land and buildings—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Cropland used only for pasture or grazing—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Other cropland—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

Total woodland—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

Woodland pastured—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

Cropland in annual commodity acreage adjustment programs—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

Cropland in the Conservation Reserve Program (CRP)—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

Irrigated land—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

Operator characteristics—All operators were asked to report place of residence, principal occupation, days of off-farm work, year in which his/her operation of the farm began, age, race, sex, and Spanish origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

Farm production expenses—In 1987, additional specific expense items and a category for all other farm production expenses were added to the selected farm production expenses collected in 1982. Consequently, we are publishing total farm production expenses in 1987. The expenses are limited to those incurred in the operation of the farm business. Expenses include the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Property taxes paid by landlords are excluded. Expenditures for nonfarm activities; farm-related activities such as providing custom-work for others, the production and harvest of forest products, and recreational services; and household expenses are excluded. In 1987, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation was required for contract producers.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1987 including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

Agricultural chemicals—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased.

The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

Customwork, machine hire, and rental of machinery and equipment—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Interest—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Government payments—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

Other farm-related income—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

Customwork and other agricultural services—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

Rental of farmland—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

Sales of forest products—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

Other farm-related income sources—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Commodity Credit Corporations loans—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

Agricultural chemicals used, including fertilizer and lime—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

Fish and other aquacultural products—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

Citrus enumeration—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

Avocados—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

Olives—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

Vegetables—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

Sugarcane for sugar—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

Pineapples—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

Coffee—The data for Hawaii relate to the 1986-87 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse crops; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. An exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland and the individual abandoned orchard crop acres were not to be reported.

Land in orchards—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

Crop units of measure—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore, were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

"See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

Data are based on a sample of farms—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Operators of Spanish origin—No imputation was made for those not responding to the question on Spanish origin.

Farms operated by Black and other races—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

All other races—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Total sales—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

Farms with sales of less than $1,000—This category includes all farms with actual sales of less than $1,000, but having the production potential for sales of $1,000 or more. These farms normally could be expected to sell $1,000 or more of agricultural products.

Net cash return from agricultural sales for the farm unit—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

Other livestock and livestock products—This category includes all livestock and livestock products not listed separately.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

Poultry hatched—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc.—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Tame hay other than alfalfa, small grain, and wild hay—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

Grapes—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

Plums and prunes—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

Cherries—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote "cherries" but did not specify or code the kind of cherry. A the individual cherry items may not be shown. Data fo "sweet cherries," "tart cherries," and "cherries, not spec ified" are not available for 1982.

Other fruits and nuts—Data shown for other fruits an nuts relate to any fruits and nuts not having a specific cod on the 1987 report form.

Land used for vegetables—Data are for the total lan used for vegetable crops. The acres are reported onl once, even though two or more harvests of a vegetable o more than one vegetable were harvested from the sam acres.

Vegetables harvested for sale—The acres of vegeta bles harvested is the summation of the acres of individua vegetables harvested. All of the individual vegetable items may not be shown.

Nursery and greenhouse crops grown for sale—These data are a summation of the individual items reported. All of the individual items may not be shown.

Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

Other grains—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Value of crop production—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales— In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category "farms with sales of less than $1,000" included all farms with actual sales of less than $1,000 but having the production potential for sales of $1,000 or more. These farms normally could be expected to sell $1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between $10,000 and $49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of $10,000 to $24,999 and $25,000 to $49,999.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

Farms by tenure of operator—The classifications of tenure used in the 1987 census were:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

Farms by type of organization—All farms were classified by type of organization in the 1987 census. The classifications used were:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation.

Other, cooperative, estate or trust, institutional, etc.

Corporations were subclassified by two additional characteristics into:

1. Family held
   Other than family held
2. More than 10 stockholders
   10 or less stockholders

Farms by age and principal occupation of operator—Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

Farming—The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

Other—The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

Farms by size—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

Farms by standard industrial classification—In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual[1], are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in

[1]**Standard Industrial Classification Manual: 1987.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011)—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131)—Cotton and cottonseed.

Tobacco (0132)—Tobacco.

Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

Vegetables and melons (016)—Vegetables and melons grown in the open.

Fruits and tree nuts (017)—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018)—Bedding plants, bulbs florists' greens, flower and vegetable seeds, flowers foliage, fruit stocks, nursery stock, ornamental plants shrubberies, sod, mushrooms, and vegetables grow under cover.

General farms, primarily crops (019)—Crops, includ ing horticultural specialties, but less than 50 percent o sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021)—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

Beef cattle, except feedlots (0212)—Production o feeding of beef cattle, except feedlots.

Dairy farms (024)—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025)—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027)—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029)— Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

APPENDIX B.
Places With All Cropland in the Conservation Reserve Program

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of $1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed area data are presented for areas with three or more "whole farm" CRP places reported. For areas with less than three "whole farm" CRP places reported, their data are combined and reported in "all other areas."

The data for "whole farm" CRP places are not complete for all areas. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

Land in Conservation Reserve Program: 1987

[For meaning of abbreviations and symbols, see introductory text.]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Alaska	6	12 232	5 527	11	26 795	4 455

APPENDIX C.
Statistical Methodology

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MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than $20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items. All farms were surveyed for all data items and and telephone calls were made to all farms that had not responded. Thus, no sample or nonresponse estimations were necessary.

CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. In Alaska, all farms were asked the complete count and sample items. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.There is no sampling error in Alaska since all farms were asked the sample items and all nonrespondents were followed up to obtain a response.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of nonsampling errors due to item imputation.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

Item Nonresponse

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in both complete count and sample data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing

items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

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APPENDIX D.
Report Form and Information Sheet

FORM 87-A0213 (3-15-86)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

UNITED STATES CENSUS OF AGRICULTURE

U.S. CENSUS [illegible]

PLACE COMPLETED AND RETURN ENVELOPE HERE IF MAILED

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87 A0213

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report — A _____ A _____

CENSUS USE ONLY			
035	036	037	038
039	040	041	042

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1 **ACREAGE IN 1987** Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

51

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

	None	Number of acres
1. All land owned	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	☐	045
4. **Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

For this census report these are the acres in "THIS PLACE."
If the entry is zero please refer to the INFORMATION SHEET, section 1.

5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address *(Include ZIP Code)*	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address *(Include ZIP Code)*	Number of acres

List additional renters on a separate sheet of paper.

a. Of the land you rented or leased to others, how many acres did you own? — None ☐ 053 _____ Acres

7. Did you have any grazing permits on a per-head basis? 054

1 ☐ Yes — *Mark (X) all boxes which apply*
2 ☐ No — *Go to item 8*
3 ☐ Forest Service
4 ☐ Taylor Grazing Sec. 3 (BLM)
5 ☐ Indian Land
6 ☐ Other — *Specify* _____

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

	County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced? — Principal county →			056
b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc. — Other counties			057
			058
			059

PENALTY FOR FAILURE TO REPORT

***INSTRUCTIONS* — Please report your crops in the appropriate section. Use section 7 to report ONLY those CROPS NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.**

SECTION 2 **Were any of the following CROPS harvested from "THIS PLACE" in 1987?** 52

	None	Acres harvested	Quantity harvested		Acres irrigated
1. Corn (field) for grain or seed *(Report quantity on a dry shelled-weight basis.)*	☐	067	068 — OR — 069	Bu. / Lbs	070
2. Corn (field) for silage or green chop	☐	071	072	Tons, green	073
3. Wheat for grain	☐	074	075	Bu.	076
4. Oats for grain	☐	077	078	Bu.	079
5. Barley for grain	☐	080	081	Bu.	082
6. Sorghum for grain or seed, including milo	☐	083 — OR — 084		Bu. / Lbs.	085
7. Sorghum for silage or green chop *(Do not include sorghum-sudan crosses.)*	☐	086	087	Tons, green	088
8. Soybeans for beans	☐	089	090	Bu.	091
9. Cotton	☐	092	093	Bales	094 .__/10
10. Tobacco — all types	☐	095	096	Lbs.	097 .__/10
11. Potatoes, Irish	☐	098	099	Cwt.	100 .__/10
12. Sweetpotatoes and yams	☐	101	102	Bu.	.__/10

SECTION 3 **Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1987?** 53
Include sorghum-sudan crosses and hay cut from pastures.

1 ☐ YES — ***Complete this section*** 2 ☐ NO — *Go to section 4*

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested *(Report either dry or green weight as indicated)*		Acres irrigated
1. **DRY HAY** *(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)*				
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104	Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107	Tons, dry	108
c. Other tame dry hay — clover, lespedeza, timothy, Bermuda grass, Sudangrass, etc.	109	110	Tons, dry	111
d. Wild hay	112	113	Tons, dry	114
2. **GRASS SILAGE, HAYLAGE, AND GREEN CHOP** *(If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)*	115	116	Tons, green	117

3. **HAY SOLD** — Did you sell any hay or grass silage in 1987? *(Report value of hay sold in section 9, item 4)* 118 1 ☐ Yes 2 ☐ No

SECTION 4

Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS PLACE" in 1987? ***(Do not include those grown for home use.)***

54 1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 5*

Note: For Florida report for September 1, 1986 through August 31, 1987 harvest season; for all other States, report for calendar year 1987.

	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. Land from which vegetables were harvested in 1987	378	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1987. *If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.*

Crop name	Code	Acres harvested		Acres irrigated	
			/10		/10
			/10		/10
			/10		/10
			/10		/10
			/10		/10
			/10		/10

If more space is needed, use a separate sheet of paper.

Crop name	Code
Asparagus	379
Beans, snap (bush and pole)	381
Beets	383
Broccoli	385
Cabbage, head	391
Cantaloups and muskmelons	395
Carrots	397
Cauliflower	399
Celery	401
Collards	407
Cucumbers and pickles	411
Eggplant	415
Garlic	421
Honeydew melons	423
Lettuce and romaine	427
Lima beans, green	429
Mustard greens	431
Onions, dry	433
Onions, green	435
Okra	437
Peas, English, green *(Do not include southern peas)*	441
Peppers, sweet	443
Peppers, hot	445
Pumpkins	449
Radishes	451
Southern peas, green (cowpeas) — blackeyed, crowder, etc.	465
Spinach	457
Squash	459
Sweet corn	461
Tomatoes	463
Turnips	465
Turnip greens	467
Watermelons	473
Other vegetables *Specify*	475

SECTION 5

Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on "THIS PLACE" in 1987?

55 1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 6*

	None	Area irrigated		
		Square feet	Acres	Tenths
1. Nursery and greenhouse crops irrigated in 1987	☐	477	478	/10

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
				/10	$	00
				/10	$	00
				/10	$	00

If more space is needed, use a separate sheet of paper.

Crop name	Code
Bedding plants (Include vegetable plants)	479
Bulbs *(Exclude bulb flowering plants)*	482
Cut flowers and cut florist greens	485
Nursery crops — ornamentals, fruit and nut trees, and vines	488
Foliage plants	707
Potted flowering plants	710
Mushrooms	494
Sod harvested	497
Vegetable and flower seeds	500
Greenhouse vegetables	503
Other — *Specify*	506

SECTION 6

Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from "THIS PLACE" in 1987? ***(Do not include those grown for home use.)***

56 1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 7*

From the list below, enter the crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
			/10			/10
			/10			/10
			/10			/10

If more space is needed, use a separate sheet of paper.

Crop name	Code
Blackberries and dewberries (pounds)	509
Blueberries, tame (pounds)	512
Blueberries, wild (pounds)	515
Cranberries (100-lb. barrels)	521
Raspberries (pounds)	533
Strawberries (pounds)	536
Other berries (pounds) — *Specify*	539

SECTION 7

Were any OTHER CROPS harvested from "THIS PLACE" in 1987 — small grains, field seeds, or other crops not previously reported? ***(Report fruit in section 8.)***

57 1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 8*

From the list below, enter the crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated

If more space is needed, use a separate sheet of paper.

Crop name	Code
Alfalfa seed (pounds)	542
Beans, dry edible *(Do not include dry limas)* (hundredweight)	554
Beans, dry lima (hundredweight)	557
Buckwheat (bushels)	575
Corn cut for dry fodder, hogged or grazed (report acres only)	581
Dry southern peas (cowpeas) (bushels)	584
Emmer and spelt (bushels)	599
Fescue seed (pounds)	602
Flaxseed (bushels)	605
Grains, mixed (bushels)	614
Kentucky bluegrass seed (pounds)	629
Lentils (pounds)	635
Lespedeza seed (pounds)	638
Mint for oil (pounds of oil)	644
Peanuts for nuts (pounds)	656
Peas, dry edible (pounds)	659
Popcorn (pounds, shelled)	662
Proso millet (bushels)	686
Red clover seed (pounds)	671
Rice (hundredweight)	677
Rye for grain (bushels)	686
Ryegrass seed (pounds)	689
Safflower (pounds)	692
Sorghum cut for dry forage or hay (tons, dry)	698
Sorghum hogged or grazed (report acres only)	701
Sugar beets for sugar (tons)	719
Sugarcane for sugar (tons)	722
Sugarcane for seed (tons)	725
Sunflower seed (pounds)	734
Timothy seed (pounds)	746
Other crops (pounds) — *Specify*	752

SECTION 8

Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES, on "THIS PLACE" in 1987?

58 1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 9*

	Total acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place. *(Do not include abandoned acres.)*	121	/10	122	/10

2. From the list at the right, enter the name and code for fruit trees, grapevines, and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF — Nonbearing age	NUMBER OF TREES OR VINES OF — Bearing age	Acres in trees and vines of all ages — Whole acres	Acres in trees and vines of all ages — Tenths	Quantity harvested	Unit of measure *Mark one* — Lbs.	Tons	Boxes	Lbs. per box
					/10					
					/10					
					/10					
					/10					
					/10					
					/10					

If more space is needed, use a separate sheet of paper.

Noncitrus crops	Code
Apples	123
Apricots	129
Avocados	135
Cherries, sweet	345
Cherries, tart	587
Grapes, dry weight	171
Grapes, fresh weight	177
Nectarines	201
Olives *(Report quantity for Sept. 1986 through March 1987 harvest season)*	207
Peaches	225
Pears	231
Plums and prunes, fresh weight	243
Prunes, dry weight	249
Other noncitrus — *Specify*	251

Citrus crops	Code
(Report quantity harvested for the 1986 — 87 harvest season)	
Grapefruit	287
Lemons	279
Limes	285
Oranges	297
Tangelos	303
Tangerines	309
Other citrus — *Specify*	315

Nut crops	Code
Almonds *(Report quantity in meats)*	321
(Report quantity in shell)	
Filberts and hazelnuts	327
Pecans	339
Walnuts, English	387
Other nut trees — *Specify*	363

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SECTION 9 **GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, BEFORE taxes and expenses** *(Refer to the INFORMATION SHEET, section 9.)*

SS

Report your best estimate of the value for each of the following groups of crops sold from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1987	☐	773 $	00
a. Corn for grain	☐	774 $	00
b. Wheat	☐	775 $	00
c. Soybeans	☐	776 $	00
d. Sorghum for grain	☐	777 $	00
e. Barley	☐	778 $	00
f. Oats	☐	779 $	00
g. Other — rice, dry beans, dry peas, flaxseed, popcorn, safflower, sunflower seed, rye, etc.	☐	780 $	00
2. Cotton and cottonseed	☐	781 $	00
3. Tobacco	☐	782 $	00
4. Hay, silage, field seeds, and grass seeds	☐	783 $	00
5. Vegetables, sweet corn, and melons — *(Do not include Irish potatoes and sweetpotatoes, report them in item 7 below.)*	☐	784 $	00
6. Fruits, nuts, and berries — apples, peaches, grapes, citrus, pecans, strawberries, etc.	☐	785 $	00
7. Other crops — Irish potatoes, sweetpotatoes, peanuts, sugar beets, sugarcane, mint for oil, etc. *(Do not include nursery and greenhouse crops.)* — Specify _____	☐		

SECTION 10 **How were the ACRES in this place USED in 1987?**

S10

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 _____ Acres

NOTE: *For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."*

	None	Number of acres
2. CROPLAND		
a. Cropland harvested — *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.*	☐	787
b. Cropland used only for pasture or grazing — *Include rotation pasture and grazing land that could have been used for crops without additional improvements.*	☐	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	789
d. Cropland on which all crops failed — *(Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
3. Woodland — *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* a. Woodland pastured	☐	794
b. Woodland not pastured	☐	795
4. Other pastureland and rangeland — *Include any pastureland other than cropland and woodland pasture.*	☐	796
5. All other land — Land in house lots, ponds, roads, wasteland, etc. — *Include any land not reported in items 2 through 4 above.*	☐	797
6. TOTAL ACRES — ***Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)*** ▶		798

SECTION 11 **Was any LAND in this place IRRIGATED at any time in 1987?**

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 12*

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.*	☐	880
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	881

SECTION 12 **Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?**

S12

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 13*

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	☐	882
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	☐	883

SECTION 13 **Did you or anyone else have any CATTLE or CALVES on this place in 1987?**

S13

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 14*

	None	INVENTORY Number on this place Dec. 31, 1987
• DECEMBER 31, 1987 INVENTORY		
1. CATTLE AND CALVES of all ages *(Total of a, b, c, and d below)*	☐	803 Total
a. BEEF COWS — *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use — *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows
c. HEIFERS AND HEIFER CALVES — *(Do not include heifers that had calved.)*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS, AND BULL CALVES	☐	807 Steers and bulls of all ages

	None	Number sold in 1987	Gross value of sales Dollars	Gross value of sales Cents
• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987 *Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.*				
2. Calves weighing less than 500 pounds	☐	809	809 $	00
3. Cattle, including calves weighing 500 pounds or more	☐	810	811 $	00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

	None	DAIRY PRODUCTS Gross value of sales Dollars	Cents
• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987			
4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — *Include milk, cream, butter, etc.*	☐	814 $	00

SECTION 14 **Did you or anyone else have any HOGS or PIGS on this place in 1987?**

S14

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 15*

	None	INVENTORY Number on this place Dec. 31, 1987
• DECEMBER 31, 1987 INVENTORY		
1. HOGS and PIGS of all ages *(Total of a and b below)*	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

	None	Number of litters
• LITTERS FARROWED		
2. LITTERS FARROWED on this place between —		
a. December 1, 1986 and May 31, 1987	☐	818
b. June 1, 1987 and November 30, 1987	☐	819

	None	Number sold in 1987	Gross value of sales Dollars	Gross value of sales Cents
• HOGS AND PIGS SOLD				
3. HOGS and PIGS SOLD from this place in 1987	☐	820	821 $	00
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	00

SECTION 15 **Did you or anyone else have any SHEEP or LAMBS on this place in 1987?**

S15

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 16*

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn in 1987	Pounds of wool shorn in 1987
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Gross value of sales Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	☐	829 $	00

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SECTION 16 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?

S16 1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales Dollars	Gross value of sales Cents
1. Horses and ponies of all ages	☐	830	831 Number	832 $	00
2. Colonies of bees	☐	839	840 Number / 841 Pounds honey	842 $	00
3. Milk goats	☐	843	844 Number / 845 Gallons milk	846 $	00
4. Angora goats	☐	847	848 Number / 849 Pounds mohair	850 $	00
5. Other goats	☐	851	852 Number	853 $	00
6. Mules, burros, and donkeys	☐	833	834 Number	835 $	00
7. Mink and their pelts	☐	836	837 Number	838 $	00
8. Rabbits and their pelts	☐	854	855 Number	856 $	00
9. All other livestock and livestock products *Specify*		867	868 Number	859 $	00

10. Fish and other aquaculture products *(Enter name and code from list below.)*

Name	Code	Total quantity sold in 1987	Gross value of sales Dollars	Gross value of sales Cents
		1 — OR — Pounds / Number	2 $	00

Name	Code	Name	Code
Catfish	860	Other fish — *Specify*	866
Trout	863	Other aquaculture products — *Specify*	869

If more space is needed, use a separate sheet of paper.

SECTION 17 Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987? — *Include poultry grown for others on a contract basis.*

S17 1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 18*

	None	INVENTORY Number on this place Dec. 31, 1987	Total number sold in 1987
1. HENS and PULLETS of laying age	☐	892	893
2. PULLETS for laying flock replacement			
a. PULLETS 3 months old or older not yet of laying age	☐	894	895
b. PULLET CHICKS and PULLETS under 3 months old *(Do not include commercial broilers.)*	☐	896	
3. BROILERS, fryers, and other meat-type chickens including capons and roasters	☐	898	899
4. TURKEYS			
a. Turkeys for slaughter *(Do not include breeders.)*	☐	900	901
b. Turkey HENS kept for breeding	☐	902	903
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. *(Enter poultry name and code from the list below.)* Poultry name _____ Code _____ Poultry name _____ Code _____			1 / 1

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	905	Pheasants	910	All other poultry — *Specify*	914

	None	Number
6. POULTRY HATCHED on this place in 1987 and placed or sold — chickens, turkeys, ducks, etc. — *Specify kind of poultry* _____	☐	916
7. Incubator egg capacity on December 31, 1987	☐	917

	None	Gross value of sales Dollars	Gross value of sales Cents
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987?	☐	918 $	00

SECTION 18 GOVERNMENT CCC LOANS

S18

	None	Dollars	Cents
1. Amount received in 1987 from Government CCC loans for — *Include regular and reserve loans, even if redeemed or forfeited.*			
a. Corn	☐	886 $	00
b. Wheat	☐	887 $	00
c. Soybeans	☐	888 $	00
d. Sorghum, barley, and oats	☐	889 $	00
e. Cotton	☐	890 $	00
f. Peanuts, rye, rice, tobacco, and honey	☐	891 $	00

SECTION 19 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 *(DO NOT INCLUDE CCC loans.)* *Refer to INFORMATION SHEET, section 19*

S19

	None	Dollars	Cents
1. Amount received in cash	☐	884 $	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	☐	885 $	00

SECTION 20 TYPE OF ORGANIZATION

S20

Mark (X) the one item which best describes the type of organization for this place in 1987. *Refer to the INFORMATION SHEET, section 20.*

921

- FAMILY or INDIVIDUAL operation — *(Do not include partnership and corporation.)* 1 ☐
- PARTNERSHIP operation — *Include family partnerships.* 2 ☐ — *Go to section 22*
- INCORPORATED UNDER STATE LAW 3 ☐ — *Go to section 21*
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 4 ☐ — *Specify below then go to section 22*

Specify _____

SECTION 21 CORPORATE STRUCTURE (for incorporated operations only) *Refer to the INFORMATION SHEET, section 21.*

S21

922

1. Is this a family-held corporation? 1 ☐ Yes 2 ☐ No
2. Are there more than 10 stockholders? 3 ☐ Yes 4 ☐ No

SECTION 22 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) *Refer to the INFORMATION SHEET, section 22.*

S22

923

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 1 ☐ Yes 2 ☐ No

928

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? *For partnerships consider all members of the partnership together.* 1 ☐ Farming 2 ☐ Other or ranching

929

3. OFF-FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1987? — *Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.).*
1 ☐ None
2 ☐ 1–49 days
3 ☐ 50–99 days
4 ☐ 100–149 days
5 ☐ 150–199 days
6 ☐ 200 days or more

930

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? _____ Year

925

5. AGE of operator (senior partner or person in charge) _____ Years old

924

6. RACE of operator (senior partner or person in charge)
1 ☐ White
2 ☐ Negro or Black
3 ☐ American Indian
4 ☐ Asian or Pacific Islander
5 ☐ Other — *Specify*

926

7. SEX of operator (senior partner or person in charge) 1 ☐ Male 2 ☐ Female

927

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 1 ☐ Yes 2 ☐ No

SECTION 23 — **PRODUCTION EXPENSES paid by you and others for this place in 1987** (S23)

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)

	None	Dollars	Cents
1. **Livestock and poultry purchased** — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	971 $	00
2. **Feed purchased for livestock and poultry** — grain, hay, silage, mixed feeds, concentrates, etc.	☐	972 $	00
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. *(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)*	☐	973 $	00
3. **Seed cost** — for corn, other grains, soybeans, tobacco, cotton, etc. — *Include plants and trees purchased.*	☐	974 $	00
4. **Commercial fertilizer purchased** — all forms, including rock phosphate and gypsum. *Include cost of custom applications.*	☐	975 $	00
5. **Agricultural chemicals purchased** — Insecticides, herbicides, fungicides, other pesticides, etc. — *Include cost of custom applications. (Do not include lime.)*	☐	976 $	00
6. **Gasoline and other petroleum fuel and oil purchased for the farm business** —	☐	977 $	00
a. Gasoline and gasohol	☐	978 $	00
b. Diesel fuel	☐	979 $	00
c. Natural gas	☐	980 $	00
d. LP gas, fuel oil, kerosene, motor oil, grease, etc.	☐	981 $	00
7. **Electricity for the farm business** — *(Do not include household expenses.)*	☐	982 $	00
8. **Hired farm and ranch labor** — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. *(See INFORMATION SHEET)*	☐	983 $	00
9. **Contract labor** — *Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.*	☐	984 $	00
10. **Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment**	☐	985 $	00
11. **Customwork, machine hire and rental of machinery and equipment** — *Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.)*	☐	986 $	00
12. **Interest paid on debts** — *(See INFORMATION SHEET)* a. Secured by real estate	☐	987 $	00
b. Not secured by real estate	☐	988 $	00
13. **Cash rent paid for land and buildings in 1987** — *(Do not include grazing fees.)*	☐	989 $	00
14. **Property taxes paid** — *Include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.)*	☐	990 $	00
15. **All other production expenses** — *Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)*	☐		

SECTION 24 — **Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?** (S24)

1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 25*

	None	Acres fertilized
1. Acres of cropland fertilized in 1987 — *(Do not include cropland for pastures reported in section 10, item 2b.)*	☐	932
2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4	☐	933

	None	Tons of lime	Acres limed
3. LIME — tons of lime used and acres on which applied — *(Do not include land plaster or gypsum or lime for sanitation.)*	☐	934	935

SECTION 25 — **Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?** (S25)

1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 26*

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

	None	Acres on which used
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —		
a. **Insects** on crops, including hay	☐	936
b. **Nematodes** in crops	☐	937
c. **Diseases** in crops and orchards (blights, smuts, rusts, etc.)	☐	938
d. **Weeds, grass, or brush** in crops and pasture — *Include both pre-emergence and post emergence.*	☐	939
2. Chemicals for **defoliation** or for **growth control** of crops or **thinning** of fruit	☐	940

SECTION 26 — **MACHINERY AND EQUIPMENT on this place on December 31, 1987** — *Include only equipment used for agricultural operations in 1986 or 1987.* (S26)

- **Value of ALL machinery and equipment on this place, December 31, 1987**

	Estimated market value Dollars	Cents
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — *Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.*	943 $	00

- **SELECTED machinery and equipment on this place, December 31, 1987.** ***(Report only if used in 1986 or 1987.)***

	None	Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?
2. Motortrucks — *Include pickups*	☐	944	945
3. Wheel tractors other than garden tractors and motor tillers — a. Less than 40 horsepower (PTO)	☐	946	947
b. 40 horsepower (PTO) or more	☐	948	949
4. Grain and bean combines, all types	☐	950	951
5. Cotton pickers and strippers	☐	956	957
6. Mower conditioners	☐	958	959
7. Pickup balers — *Include rectangle and round balers*	☐	960	961

SECTION 27 — **ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS** (S27)

	None	Estimated market value of land and buildings Dollars	Cents
Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.			
1. All land owned	☐	996 $	00
2. All land rented or leased FROM OTHERS	☐	997 $	00
3. All land rented or leased TO OTHERS	☐	998 $	00

SECTION 28 — **INCOME FROM FARM - RELATED SOURCES IN 1987** (S28)

Report amount received before taxes and expenses.

	None	Farm-related income Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. *(If customwork is a separate business, refer to INFORMATION SHEET, section 28)*	☐	992 $	00
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — *Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.*	☐	993 $	00
3. Sales of forest products and Christmas trees — *Include maple products, naval stores, firewood, etc.*	☐	994 $	00
4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place — *Specify* _____	☐	995 $	00

SECTION 29 — **PERSON COMPLETING THIS REPORT** — *Please print* (S29)

Name 999 Date

Telephone number Area Code Number

FORM 87-A0213 (9-18-86)

FORM 87-A01(I)
(12-17-86)

INFORMATION SHEET

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations **at any time during 1987**, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, *"(Name of partner)* has completed a report for the partnership *(provide name and CFN of partnership.)"*

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

▶ **Section 1 — ACREAGE IN 1987**

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

IF YOU QUIT FARMING DURING 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

a. Land for agricultural use that you rented from others for cash

b. Land you worked on a share basis (crop or livestock)

c. Land owned by someone else that you used rent-free

d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

a. Owned land rented to others for cash or a share of crops or livestock

b. Land you rented from someone and then subleased to someone else

c. Land worked for you by someone for a share of crops or livestock

d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

a. You raised any crops or had any livestock or poultry on **"THIS PLACE"** in 1987, complete the report.

b. All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.

c. You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

▶ **Sections 2 through 8 — CROPS**

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

Quantity harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres Irrigated — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

How to Report Crops Harvested

▶ **Sections 2 and 3** — Report only for the listed crops.

▶ **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

Double Cropping — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

Example: In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

Section 2 — **Were any of the following CROPS harvested from "THIS PLACE" in 1987?**

52	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton	☐	081	082 Bales	083
2. Soybeans for beans	☐	088 40	089 1,550 Bu	090 40
3. Wheat for grain	☐	073 40	074 1,230 Bu	075
4. Oats for grain	☐	076	077 Bu.	078

Interplanted Crops — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

Skip Row Planting — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

▶ **Section 4 — VEGETABLES** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

▶ **Section 8 — FRUITS and NUTS** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

▶ **Section 9 — GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

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▶ **Section 10 — USE OF ACRES IN "THIS PLACE"**

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 2a.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 2a.

▶ **Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

▶ **Sections 13 through 17 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

b. Veal calves, or any calves weighing less than 500 pounds

c. Dairy cows fed only the usual dairy ration before being sold

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

▶ **Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

Item 2 — If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 — Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

Item 10 — Fish and Other Aquaculture Products — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

▶ **Section 17 — POULTRY**

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

▶ **Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS**

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

▶ **Section 19 — FEDERAL PAYMENTS RECEIVED**

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

▶ **Section 20 — TYPE OF ORGANIZATION**

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

Incorporated Under State Law — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

Other — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

▶ **Section 21 — CORPORATE STRUCTURE**

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

▶ **Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR**

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

▶ **Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987**

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Livestock and Poultry Purchased — Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, goats, chicks, pullets, poults, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

Feed Purchased for Livestock and Poultry — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

Cost of Hired Farm and Ranch Labor — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Contract Labor — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similiar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Interest Expense Paid on Debts — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

Cash Rent Paid for Land and Buildings In 1987 — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

Property Taxes Paid — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

a. Property taxes on land or buildings rented to someone else

b. Taxes paid by landlords

c. Property taxes paid on other property not associated with the farm business

d. Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

▶ Section 24 — COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

▶ Section 26 — MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

▶ Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

▶ Section 28 — INCOME FROM FARM—RELATED SOURCES IN 1987

Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

Item 1 — Customwork — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

Item 2 — Rental Income — Do not include rental income from nonfarm property.

Item 3 — Forest Products — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

Item 4 — Other Farm-Related Income — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.

DUE BY FEBRUARY 1, 1988

FORM **87-A0400** (3-13-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

UNITED STATES CENSUS OF AGRICULTURE

OMB No. 0607-0534; Approval Expires September 30, 1989

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO:

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

A [ ] – [ ]

A [ ] – [ ]

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0400

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

SECTION 1

1. At any time during 1987, did you plant, grow, or have any:
   - Hay or tobacco?
   - Corn, wheat, or other grains?
   - Other crops?
   - Fruit, nut, or citrus trees; grapevines?
   - Vegetables, melons, or berries?
   - Greenhouse or nursery crops?

   ☐ Yes ☐ No

2. At any time during 1987, did you raise, sell, or keep any:
   - Cattle, hogs, sheep, or goats?
   - Chickens or other poultry?
   - Bees?
   - Horses or ponies?
   - Fish in captivity?
   - Other animal specialties?

   ☐ Yes ☐ No

If you answered YES to EITHER of these questions, go to SECTION 2.
If you answered NO to BOTH of these questions, go to SECTION 10.

SECTION 2

ACREAGE IN 1987 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	None	Number of acres
1. All land owned	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.)	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below.	☐	045
4. **Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

If the entry is zero please refer to the Information Sheet, section 2.

5. Of the land you rented or leased to others, how many acres did you own? None ☐ 053 _____ Acres

6. In what county was the largest value of your agricultural products raised or produced?

County name	State

SECTION 3

LAND USE and IRRIGATION

• PART A — How were the ACRES in this place used in 1987?

	None	Number of acres
1. Cropland harvested — *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.*	☐	787
2. Cropland on which all crops failed — *(Exception: Do not report here land in orchards and vineyards on which the crop failed.)*	☐	790
3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow	☐	793
4. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland	☐	796
5. All other woodland, wasteland, houselots, etc. not reported in items 1 through 4 above	☐	797

• PART B — IRRIGATION

	None	Number of acres Irrigated
1. How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.*	☐	880
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	881

PENALTY FOR FAILURE TO REPORT

SECTION 4

• PART A — CROPS HARVESTED from "THIS PLACE" in 1987.
(Do not include crops grown on land rented to others.)

	None	Acres harvested	Quantity harvested	Gross value of crops sold: Dollars	Cents
1. Hay crops — a. Alfalfa and alfalfa mixtures	☐	103	104 Tons, dry	782 $	00
b. Small grain hay	☐	106	107 Tons, dry	782 $	00
c. Wild hay	☐	112	113 Tons, dry	782 $	00
d. Other hay — *Specify kind* _____	☐	109	110 Tons, dry	782 $	00
2. Corn for grain or seed	☐	087	088 Bu.	773 $	00
3. Soybeans for beans	☐	089	089 Bu.	775 $	00
4. Wheat for grain	☐	073	074 Bu.	774 $	00
5. Tobacco — all types	☐	094 /10	095 Lbs.	781 $	00
6. Potatoes, Irish — *(Do not include those grown for home use.)*	☐	097 /10	098 Cwt.	788 $	00

	None	Total acres	Dollars	Cents
7. All vegetables for sale *(Do not include those grown for home use.)*	☐	375 /10	783 $	00
Specify kind(s)		/10		
		/10		

	None	Total acres	Quantity harvested	Dollars	Cents
8. All fruit and nut orchards, vineyards, and berries	☐	121 /10		784 $	00
Specify kind(s)		/10	3 Lbs.		
		/10	3 Lbs.		

9. Other crops — *For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold: Dollars	Cents
			1	2 $	00
			1	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Barley for grain (bushels)	078	Oats for grain (bushels)	078
Corn for silage or green chop (tons, green)	070	Sorghum for grain-milo (bushels)	082
Cotton (bales)	091	Other crops (pounds) — *Specify*	782

• PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987

From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection	Acres in the open in 1987: Whole acres	Tenths	Sales in 1987: Dollars	Cents
			1	/10	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (include vegetable plants)	479	Potted flowering plants	710
Cut flowers and cut florist greens	485	Foliage plants	707
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
		Other — *Specify*	506

CONTINUE ON REVERSE SIDE →

SECTION 1 LIVESTOCK and POULTRY

• PART A — CATTLE and CALVES

	None	INVENTORY Number on this place Dec. 31, 1987
1. CATTLE and CALVES of all ages	☐	803 Total
a. BEEF COWS — *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use — *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows

	None	Gross value of sales Dollars	Cents
2. Value of DAIRY PRODUCTS sold in 1987 – *Include milk, cream, butter, etc.*	☐	814 $	00

• CATTLE and CALVES SOLD FROM THIS PLACE IN 1987
Include as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1987	Gross value of sales Dollars	Cents
3. Calves less than 500 pounds	☐	808	809 $	00
4. Cattle – *Include calves 500 pounds or more*	☐	810	811 $	00
a. Of ALL cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

• PART B — HOGS and PIGS

	None	INVENTORY Number on this place Dec. 31, 1987
1. HOGS and PIGS of all ages	☐	815 Total
a. HOGS and PIGS used or to be used for breeding	☐	816 Breeding

	None	Number sold in 1987	Gross value of sales Dollars	Cents
2. HOGS and PIGS SOLD from this place in 1987	☐	820	821 $	00
3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	00

• PART C — SHEEP and LAMBS

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number	Pounds wool
2. SHEEP and LAMBS SHORN in 1987	☐	827	828

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	☐	829 $	00

• PART D — POULTRY

	None	INVENTORY Number on this place Dec. 31, 1987	Number sold in 1987
1. HENS and PULLETS	☐	892	893
a. HENS and PULLETS of laying age	☐	894	895
b. PULLETS 3 months old or older not yet of laying age for layer replacement	☐	896	
c. PULLETS under 3 months old for layer replacement	☐	897	899
2. BROILERS, fryers, other meat-type chickens	☐	900	901
3. TURKEYS for slaughter *(Do not include breeders.)*	☐		
4. OTHER POULTRY *(Enter name/code from below.)*			

Poultry name _____ Code ____

Name/code		Name/code		Name/code	
Turkey hens kept for breeding	902	Geese	906	Quail	912
Ducks	904	Pigeons or squab	908	All other poultry — *Specify*	914
		Pheasants	910		

	None	Gross value of sales Dollars	Cents
5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987?	☐	916 $	00

• PART E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	930	931 Number	932 $	00
2. Colonies of bees	☐	939	940 Number 941 Pounds honey	942 $	00
3. Milk goats	☐	943	944 Number 945 Gallons milk	946 $	00
4. Angora goats	☐	947	948 Number 949 Pounds mohair	950 $	00
5. Other livestock, fish, animal products. *(Enter name/code from below.)*			1 Quantity	2 $	00

Name _____ Code ____

Name/code		Name/code		Name/code	
Mules, burros, donkeys	933	Rabbits and their pelts	954	Other livestock, fish, and their products	957
Mink and their pelts	936	Other goats	951		

SECTION 6 GOVERNMENT CCC LOANS

Amount received in 1987 from Government CCC loans. *Include regular and reserve loans, even if redeemed or forfeited.* None ☐

Dollars	Cents
886 $	00

Specify crop(s) _____

SECTION 7 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 *(DO NOT INCLUDE CCC loans.)*

	None	Dollars	Cents
1. Amount received in cash	☐	884 $	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	☐	885 $	00

SECTION 8 Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1987

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	☐	882
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	☐	883

SECTION 9 CHARACTERISTICS and OCCUPATION OF OPERATOR (Senior partner or person in charge)

1. RESIDENCE — Does the operator live on this place? 923 ☐ 1 Yes ☐ 2 No

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? *For partnerships consider all members of the partnership together.* 926 ☐ 1 Farming ☐ 2 Other or ranching

3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day **off** this place in 1987? *— Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)* 929
☐ 1 None
☐ 2 1—49 days
☐ 3 50—99 days
☐ 4 100—149 days
☐ 5 150—199 days
☐ 6 200 days or more

4. In what YEAR did the operator begin to operate any part of this place? 930 _____ Year

5. AGE of operator 925 _____ Years old

6. RACE of operator 924
☐ 1 White
☐ 2 Negro or Black
☐ 3 American Indian
☐ 4 Asian or Pacific Islander
☐ 5 Other — *Specify* _____

7. SEX of operator 928 ☐ 1 Male ☐ 2 Female

8. SPANISH ORIGIN — Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 ☐ 1 Yes ☐ 2 No

SECTION 10 PERSON COMPLETING THIS REPORT — *Please print*

Name _____ 999 Date _____

Telephone number Area code ___ Number ___ - ____

FORM 87-A0400 (3-13-87)

FORM 87-A04(I)
(3-31-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET
1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "*(Name of partner)* has completed a report for the partnership *(provide name and CFN of partnership.)*"

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.
All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

► **Section 2 — ACREAGE IN 1987**

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

a. Land for agricultural use that you rented from others for cash

b. Land you worked on a share basis (crop or livestock)

c. Land owned by someone else that you used rent-free

d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

a. Owned land rented to others for cash or a share of crops or livestock

b. Land you rented from someone and then subleased to someone else

c. Land worked for you by someone for a share of crops or livestock

d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.

b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.

c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

► **Section 3 — LAND USE AND IRRIGATION**

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, "Cropland harvested."

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

► **Section 4 — CROPS**

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in "THIS PLACE") of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

DO NOT INCLUDE:

a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

b. Crops or crop products purchased from others and later sold.

Acres Harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

Quantity Harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

Item 7 — Vegetables — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report only if total of 20 or more trees and vines, include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

Item 9 — Other Crops — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

► Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Parts A, B, C, and D — LIVESTOCK AND POULTRY

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

b. Dairy cows fed only the usual dairy ration before being sold

c. Veal calves, or any calves weighing less than 500 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Fish and Other Aquaculture Products — Report quantity sold and gross value of sales for each.

► Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 7 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

► Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

FORM B7-A04(I) (3-31-87)

INDEX

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
A		
Abnormal farms	19	–
Acreage reduction program	7,10,48–53	5
Age of operator	1,16,48–53	1,10,16
Agricultural products sold, market value	1,2,10,18,47,48–53	1,2,16
Agricultural services income	5,48–53	4
Alfalfa hay	43,44,48–53	26
Alfalfa seed	43,44	26
Almonds	45,48–53	28
American Indian operator	17	34
Angora goats	41	18
Apples	45,48–53	28
Apricots	42	28
Aquacultural products	41	21
Artichokes	–	27
Asian or Pacific Islander operator	17	34
Asparagus	–	27
Assets, value	1,10–12,18, 47,48–53	1,5,8,16
Austrian winter peas	–	26
Avocados	45	28
B		
Bahia grass seed	–	26
Balers, pickup	13,48–53	8
Bananas	45	28
Barley for grain	1,42–44,48–53	1,15,16,24
Barley for grain sales, value	2,48–53	2,16
Beans, dry edible	42–44,48–53	15,16,25
Beans, dry lima	–	25
Beans, green lima	–	27
Beans, snap (bush and pole)	44,48–53	27
Beans, soybeans	1,42–44,48–53	1,15,16,25
Bedding plants	46	30
Beef cows	1,20,25,29,48–53	1,11,16
Bees, colonies	41	20
Beets, sugar	42–44,48–53	1,15,16,25
Beets, table	–	27
Bentgrass seed	–	26
Bermuda grass seed	–	26
Berries	42,44,48–53	29
Birdsfoot trefoil seed	–	26
Blackberries	–	29
Black operators and other races	16,17,48–53	32–34
Blueberries	44	29
B—Con.		
Bluegrass seed, Kentucky	44	26
Boysenberries	–	29
Breeding hogs and pigs	32,48–53	12,16
Broccoli	–	27
Broilers	1,20–22,48–53	1,14,16
Bromegrass seed	–	26
Brussels sprouts	–	27
Buckwheat	–	24
Bulbs	46	30
Bulls, bull calves, steers, and steer calves	20,25,48–53	11,16
Burros, donkeys, and mules	41	23
C		
Cabbage	–	27
Cantaloups	44	27
Carrots	–	27
Cash, government farm programs payments	5	4
Cash rent, expenses	3,10,48–53	3,16
Cash rent or share payments received, farm-related income	5,48–53	4
Catfish sales	–	21
Cattle and calves	1,10,20,25,27,47, 48–53	1,11,16
Cattle and calves sales, value	2,20,26,31,47, 48–53	2,11,16
Cauliflower	–	27
Celery	–	27
Certificates, government farm programs payments	5	4
Chemicals, expenses	1,3,10,15,47,48–53	3,16
Chemicals used	15,48–53	9
Cherries	45,48–53	28
Chickens 3 months old or older	1,20,21,23,48–53	1,14
Chicory	–	27
Chinese cabbage	–	27
Chinese or ming peas	–	27
Christmas trees and forest products sales, farm-related income	5,48–53	4
Citrus fruit	45,48–53	28
Clover seed	–	26
Coffee	45	28
Collards	–	27
Colonies of bees	41	20
Combines, grain and bean, all types	13,48–53	16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
C—Con.		
Commercially mixed formula feed purchased	1,3,48–53	3,16
Commodity Credit Corporation loans	6,10,48–53	4
Conservation reserve programs	7,10,48–53	5
Contract labor expenses	3,10,48–53	3,16
Corn, field	1,42–44,48–53	1,15,16, 24,31
Corn for grain sales, value	2,48–53	2,16
Corn, sweet	44,48–53	27
Corn, sweet, for seed	–	31
Corporation, family held	16,48–53	10,16
Corporation, nonfamily held	16,48–53	10,16
Corporation, type of organization	1,16,48–53	–
Cotton	1,42,44,47,48–53	1,15,16,25
Cotton sales, value	2,47,48–53	2,16
Cottonpickers and strippers	13,48–53	8
Cowpeas for dry peas	–	25
Cowpeas, green	–	27
Cows and heifers that had calved	20,25,48–53	11,16
Cranberries	44	29
Cropland diverted, set aside	7,10,48–53	5
Cropland for cover crops, legumes, and soil-improvement grasses	7,48–53	5
Cropland harvested	1,7,8,10,16,18,42, 47,48–53	1,3,5,6, 10,15,16
Cropland harvested, irrigated	8–10	7
Cropland idle	7,48–53	5
Cropland in cultivated summer fallow	7,48–53	5
Cropland on which all crops failed	7,48–53	5
Cropland pastured	7,48–53	5
Cropland total	1,7,10,47,48–53	1,5,16
Crops, farms reporting, acres, production	42	15,16
Cucumbers	44	27
Currants	–	29
Customwork, machine hire, and rental of machinery and equipment, expenses	3,10,48–53	3,16
Customwork and other agricultural services, farm-related income	5,48–53	16
D		
Daikon	–	27
Dairy cows (milk cows)	1,10,20,25,30,47, 48–53	1,11,16
Dairy products sales, value	2,47,48–53	2,11,16
Dates	–	28
Dewberries	–	29
Diesel fuel expenses	14,48–53	3
Dill for oil	–	31
Disease control in crops and orchards	15,48–53	9
Donkeys, burros, and mules	41	23
Ducks	–	14,22
Ducks, geese, and other poultry	21	14,22
E		
Eggplant	–	27
Electricity expenses	10,47,48–53	3
Emmer and spelt	–	24
Endive	–	27
Equipment and machinery	1,10,12,18,47,48–53	1,8,16
Escarole	–	27
Ewes 1 year old or older	38	13
Expenses, farm production	1,3,10,47,48–53	1,3,16
F		
Family held corporations	48–53	10,16
Family or individual, type of organization	1,16,48–53	10,16
Farm-related income	5,48–53	4
Farms by age and principal occupation of operator	16,48–53	10,16
Farms by size of farm	8,47,48–53	6,16
Farms by standard industrial classification	18,48–53	16
Farms by tenure of operator	16,48–53	10,16
Farms by type of organization	1,16,48–53	10,16
Farms by value of agricultural products sold	1,2,10,18,47,48–53	1,2,16
Farms, number	1,7,8,10,16,18,47, 48–53	1,5,10,16
Fattened cattle sales	26,29,31,48–53	11,16
Feed purchased	1,3,47,48–53	3,16
Feeder pigs sales	20,33,35–37,48–53	12

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
F—Con.		
Female operators	16,17,48–53	10
Fertilizer applied	15,48–53	9
Fertilizer expenses	3,10,15,47,48–53	3,16
Fescue seed	44	26
Field seed crops	44,48–53	26
Figs	–	28
Filberts	45	28
Fish sales	41	21
Flaxseed	42,44,48–53	24
Florist greens and flowers, cut	46	30
Flower and vegetable seeds	46	30
Flowering plants, potted	46	30
Flowers and florist greens, cut	46	30
Foliage plants	46	30
Forest products and Christmas trees sales, farm-related income	5,48–53	4
Foxtail millet seed	–	26
Fruit crops	45	15,16,28
Fruits, nuts, and berries sales, value	2,47,48–53	2,16
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses	14,48–53	3
Full owners	16,48–53	10,16
G		
Garlic	–	27
Gas, natural, expenses	14,48–53	3
Gasoline and other petroleum fuel and oil expenses	14,48–53	3,16
Gasoline expenses	14,48–53	3
Geese	–	22
Geese, ducks, and other poultry	41	14,22
Ginger root	–	31
Goat milk sales	41	17
Goats	41,48–53	23
Goats, Angora	41	23
Goats, milk	41	17
Goats, other	41	23
Government farm programs payments	5,10,47,48–53	4
Grain hay	43,44	26
Grain sales, value	2,47,48–53	2,16
Grains	44,48–53	16
Grapefruit	45	28
Grapes	45,48–53	28
G—Con.		
Grass silage, haylage, and green chop hay	43,44	26
Grazing permits	–	36
Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses	14,48–53	3
Greenhouse crops	42,46	30
Greenhouse vegetables	46	30
Guar	–	31
Guavas	45	28
H		
Hatcheries	–	22
Hay crops	1,42–44,48–53	1,15,16,26
Hay, silage, and field seeds sales, value	2,47,48–53	2,16
Haylage, grass silage, and green chop hay	43,44	26
Hazelnuts	45	28
Heifers and heifer calves	20,25,48–53	11,16
Hens and pullets of laying age	20,21,48–53	14,16
Herbs	–	31
Hired farm labor expenses	3,10,47,48–53	3,16
Hogs and pigs	1,10,20,32,35,47, 48–53	1,12,16
Hogs and pigs sales, value	2,20,33,36,47,48–53	2,12,16
Hogs, litters farrowed	34,37,48–53	12
Honey sales	41	20
Honey tangerines	–	28
Honeydew melons	–	27
Hops	44	31
Horses and ponies	20,41,48–53	13
I		
Income from farm-related sources	5,48–53	4
Income, see net cash return	4,48–53	4
Individual or family, type of organization	1,16,48–53	10,16
Insects, chemical control	15,48–53	9
Interest, debt not secured by real estate	3,48–53	3
Interest, debt secured by real estate	3,48–53	3
Interest expenses	1,3,10,47,48–53	3,16
Irish potatoes	1,42–44,48–53	1,15,16,25

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
I—Con.		
Irrigated farms and acres	1,8–10	1,7
J		
Jojoba	–	31
K		
Kale	–	27
Kentucky bluegrass seed	44	26
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses	14,48–53	3
Kiwifruit	–	28
Kumquats	–	28
L		
Labor expenses	1,3,10,47,48–53	3,16
Land and buildings, value	1,10,11,47,48–53	5,16
Land in farms	1,7,8,10,16,18,47, 48–53	1,5,10,16
Land owned	10,48–53	–
Land rented from others	48–53	–
Land rented to others	48–53	–
Land set aside in federal farm programs	7,10,48–53	1
Land use	7,8,10,47,48–53	5
Lemons	45	28
Lentils	44	25
Lespedeza seed	–	26
Lettuce and romaine	44	27
Lima beans, dry	–	25
Lima beans, green	–	27
Lime applied	15,48–53	9
Limes	–	28
Litters farrowed	34,37,48–53	12
Livestock and livestock products sold	20	–
Livestock and poultry	20	1,16
Livestock and poultry purchased	1,3,10,47,48–53	3,16
Livestock, poultry, and their products sales, value	1,2,10,18,20,47	1,2,16
Loans, Commodity Credit Corporation	6,10,48–53	4
Loganberries	–	29
Lotus root	–	31
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses	14,48–53	3
M		
Macadamia nuts	45	28
Machine hire, rental of machinery and equipment, and customwork expenses	3,10,48–53	3,16
Machinery and equipment	1,10,12,18,47,48–53	1,8,16
Male operators	16,17,48–53	10
Mangoes	–	28
Melons	–	27
Milk cows (dairy cows)	1,10,20,25,30,47, 48–53	1,11,16
Milk goats	41	17
Millet, proso	44	24
Millet seed, foxtail	–	26
Mink and their pelts	41	19
Mint for oil	44	31
Mohair sales	41	18
Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses	14,48–53	3
Motortrucks, including pickups	13,48–53	8,16
Mower conditioners	13,48–53	8
Mules, burros, and donkeys	41	23
Mungbeans for beans	–	31
Mushrooms	46	30
Mustard cabbage	–	27
Mustard greens	–	27
Mustard seed	–	24
N		
Natural gas expenses	14,48–53	3
Nectarines	–	28
Nematode control in crops	15,48–53	9
Net cash return from agricultural sales	4,48–53	4
Nonfamily held corporations	16,48–53	10,16
Number of farms	1,7,8,10,16,18,47, 48–53	1,5,10,16
Nursery and greenhouse crops	42,46	30
Nursery and greenhouse crops sales, value	2,42,46,47,48–53	2,16,30
Nursery crops-shrubs, trees, etc.	46	30
O		
Oat sales, value	2,48–53	2,16
Oats for grain	1,42–44,48–53	1,15,16,24
Occupation of operator	1,16,48–53	1,10,16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
O—Con.		
Off-farm work by operator	1,16,48–53	1,10,16
Okra	–	27
Olives	–	28
Onions, dry and green	44	27
Operator characteristics–residence, age, race, occupation, off-farm work, sex, Spanish origin, years on present farm	16,17,48–53	10,16
Oranges	45	28
Orchardgrass seed	–	26
Orchards	1,42–44,48–53	1,15,16,28
Organization of farm	1,16,48–53	10,16
Other farm production expenses	5,48–53	3,16
Other field crops sales, value	2,48–53	2,16
Other grains sales, value	2,48–53	2,16
Other livestock and livestock products sales, value	2,47,48–53	2,16
Other poultry	–	22
Owned land	10,48–53	–
P		
Papayas	45	28
Parsley	–	27
Part owners	16,48–53	10,16
Partnership, type of organization	1,16,48–53	10,16
Passion fruit	–	28
Pastureland and grazing land	7,48–53	5
Pastureland and other land irrigated	9	7
Payroll expenses	1,3,10,47,48–53	3,16
Peaches	45,48–53	28
Peanuts for nuts	42–44,48–53	1,15,16,25
Pears	45	28
Peas, Austrian winter	–	26
Peas, Chinese or ming	–	27
Peas, dry edible	44	25
Peas, green	44,48–53	27
Pecans	45,48–53	28
Peppers	–	27
Persimmons	–	28
Petroleum products expenses	3,10,14,48–53	3,16
Pheasants	–	22
Pickup balers	13,48–53	8
Pigeons or squab	–	22
Pimientos	–	27
P—Con.		
Pineapples	1,42,44,48–53	1,15,16,31
Pistachios	–	28
Plums	45	28
Pomegranates	—	28
Ponies and horses	20,41,48–53	13
Popcorn	44	24
Potatoes, Irish	1,42–44,48–53	1,15,16,25
Potatoes, sweet	42,44,48–53	25
Poultry and poultry products sales, value	2,20,48–53	2,16
Poultry hatched	–	22
Principal occupation of operator	1,16,48–53	1,10,16
Production expenses	1,3,10,47,48–53	1,3,16
Property taxes, expenses	3,10,48–53	3,16
Proso millet	44	24
Prunes	45	28
Pullets	22	14
Pumpkins	–	27
Q		
Quail	–	22
R		
Rabbits and their pelts	41	23
Race of operator	16,48–53	34
Radishes	–	27
Rangeland	7,48–53	5
Rapeseed	–	31
Raspberries	44	29
Redtop seed	–	26
Rent paid in cash, expenses	3,10,48–53	3,16
Rent received, farm-related income	5,48–53	4
Repair and maintenance expenses	3,10,48–53	3,16
Residence of operator	16,48–53	10,16
Rhubarb	–	27
Rice	1,42–44,48–53	1,15,16,24
Romaine and lettuce	44	27
Rye for grain	42,44	24
Ryegrass seed	44	26
S		
Safflower	–	24
Sales of agricultural products	1,2,10,18,47,48–53	1,2,16
Salt hay	–	31

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
S—Con.		
Seeds, bulbs, plants, and trees purchased	3,10,48-53	3
Set aside programs, acreage	7,10,48-53	5
Sex of operator	16,17,48-53	10
Shallots	-	27
Sheep and lambs	10,20,38,39,48-53	1,13,16
Sheep and lambs shorn	38,48-53	13
Sheep, lambs, and wool sales, value	2,20,38,47,48-53	2,13,16
Size of farm, average	1,48-53	1,16
Small grain hay	43,44	26
Snap beans, bush and pole	44,48-53	27
Sod	46	30
Sorghum	1,42-44,48-53	1,15,16,24 26,31
Sorghum for grain sales, value	2,48-53	2,16
Southern peas (cowpeas), dry	-	25
Southern peas (cowpeas), green	-	27
Soybeans	1,42-44,48-53	1,15,16,25
Soybeans sales, value	2,48-53	2,16
Spanish origin, operators of	16,17,48-53	35
Spelt and emmer	-	24
Spinach	-	27
Squash	-	27
Standard industrial classification of farms	18,48-53	2,16
Steers, steer calves, bulls, and bull calves	20,25,48-53	11,16
Strawberries	43,44	29
Sudangrass seed	-	26
Sugar beets	42-44,48-53	1,15,16,25
Sugarcane	1,42-44,48-53	1,15,16,25
Sunflower seed	1,42,44,48-53	1,15,16,24
Sweet corn	44,48-53	27
Sweet corn for seed	-	31
Sweet potatoes	42,44,48-53	25
T		
Tame dry hay	43,44	16,26
Tangelos	-	28
Tangerines	-	28
Taro	-	31
Taxes, property, expenses	5,48-53	3
Tenant operated farms	16,48-53	10,16
T—Con.		
Tenure of operator	16,48-53	10,16
Timothy seed	-	26
Tobacco	1,42-44,48-53	1,15,16,25
Tobacco sales, value	2,47,48-53	2,16
Tomatoes	44,48-53	27
Tractors, wheel	13,48-53	8,16
Triticale	-	24
Trout sales	-	21
Trucks, including pickups	13,48-53	8,16
Turkeys	20,21,24,48-53	14
Turnip greens	-	27
Turnips	-	27
Type of farm	18,48-53	16
Type of organization	1,16,48-53	1,10,16
V		
Value of agricultural products sold	1,2,10,18,47,48-53	1,2,16
Value of land and buildings	1,10,18,48-53	5,16
Value of machinery and equipment	1,10,12,18,47,48-53	1,8,16
Vegetable and flower seeds	46	30
Vegetables, greenhouse	46	30
Vegetables harvested for sale	1,42-44,48-53	1,15,16,27
Vegetables, sweet corn, and melons sales, value	2,47,48-53	2,16
Vetch seed	-	26
W		
Walnuts, English	45,48-53	28
Watercress	-	27
Watermelons	44	27
Weeds, chemical control	15,48-53	9
Wheat for grain	1,42-44,48-53	1,15,16,24
Wheat sales, value	2,48-53	2,16
Wheatgrass seed	-	26
Wheel tractors	13,48-53	8,16
Wild hay	43,44	26
Wild rice	-	24
Woodland	1,7,48-53	5
Wool, pounds shorn	38,48-53	13
Work off-farm by operator	1,16,48-53	1,10,16
Y		
Years on present farm	47,48-53	16

☆ U.S. GOVERNMENT PRINTING OFFICE: 1989—242-303/00052

PUBLICATION PROGRAM

1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A)

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with $1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

State and County Data (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

Summary and State Data (A-51)

- Chapter 1. National level data
- Chapter 2. State level data

Outlying Areas (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

Agricultural Atlas of the United States (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

Coverage Evaluation (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

Ranking of States and Counties (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

History (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

Government Payments and Market Value of Agricultural Products Sold (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

The Farm and Ranch Irrigation Survey (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

Agricultural Economics and Land Ownership Survey (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of $2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

ELECTRONIC MEDIA

Flexible Diskette—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

Computer Tapes—Public-use computer tapes contain the same summary statistics that are found in the published reports. Two files are available for each State: data for counties and the aggregated State-level data. Order forms may be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Compact Disc-Read Only Memory (CD-ROM)— Data for the conterminous United States and Puerto Rico are available on CD-ROM. The CD-ROM can be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Online Access— National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors— CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.